



# STIC Search Report

## Biotech-Chem Library

STIC Database Tracking Number 136428

TO: James Schultz  
Location: REM-2D18/2C18  
Art Unit: 1635  
Thursday, October 28, 2004  
Case Serial Number: 10/003919

From: Paul Schulwitz  
Location: Biotech-Chem Library  
REM-1A65  
Phone: (571)272-2527

[paul.schulwitz@uspto.gov](mailto:paul.schulwitz@uspto.gov)

### Search Notes

Examiner Schultz,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz  
Technical Information Specialist  
STIC Biotech/Chem Library  
(571)272-2527

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Schreiber, David

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**From:** Schultz, James  
**Sent:** Friday, October 22, 2004 5:07 PM  
**To:** Schreiber, David  
**Subject:** score over length search request, 10/003,919

Hello

I need a score over length nucleotide sequence search on SEQ ID NO:3 in the above entitled case. I need the lower and upper limits to be 8 and 50, respectively, I need any hits that are above 65% complementarity, and please transfer as many hits into the excel program as possible. Please do not search the interference databases at this time.

Thanks,  
Doug Schultz

*James Douglas Schultz, PhD*  
AU 1635 (Biotechnology)  
Patent Examiner  
United States Patent and Trademark Office  
(Office) REM 2D18  
(Mail) REM 2C18  
(571) 272-0763

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GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: October 28, 2004, 10:13:37 ; Search time 143 Seconds  
(without alignments)  
3.486 Million cell updates/sec

Title: us-10-003-919-3

Perfect score: 5273  
Sequence: 1 ctagggcagtcgcatccacg.....aattgfgccttcttaaaaa 5273

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 0.5

Searched: 2297 seqs, 47269 residues

Total number of hits satisfying chosen parameters: 4594

Minimum DB seq length: 8  
Maximum DB seq length: 50

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 2350 summaries

Database : rgecb:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	30.8	0.6	44	1	ACCESSION:131473
2	30.6	0.6	31	1	ACCESSION:BD002934
3	30.6	0.6	31	1	ACCESSION:BD002935
4	30.6	0.6	31	1	ACCESSION:BD002936
5	30.6	0.6	31	1	ACCESSION:BD002937
6	30.6	0.6	31	1	ACCESSION:BD002938
7	30.6	0.6	31	1	ACCESSION:BD002939
8	30.6	0.6	31	1	ACCESSION:BD002940
9	30.6	0.6	31	1	ACCESSION:BD002941
10	30.6	0.6	31	1	ACCESSION:BD002942
11	30.6	0.6	31	1	ACCESSION:BD002943
12	25.2	0.5	30	1	ACCESSION:BD107612
13	24.8	0.5	30	1	ACCESSION:AR208348
14	24.8	0.5	38	1	ACCESSION:AX207477
15	24.6	0.5	35	1	ACCESSION:CO824632
16	24.4	0.5	27	1	ACCESSION:AX175242
17	24.4	0.5	28	1	ACCESSION:AR208346
18	23.8	0.5	32	1	ACCESSION:AX687211
19	23.8	0.5	32	1	ACCESSION:AX687231
20	23.8	0.5	32	1	ACCESSION:AX687241
21	23.6	0.4	32	1	ACCESSION:AR002889
22	23.6	0.4	32	1	ACCESSION:AR053140
23	23.4	0.4	34	1	ACCESSION:AR001554
24	23.4	0.4	35	1	ACCESSION:AR001553
25	23.4	0.4	36	1	ACCESSION:AR001552
26	23.2	0.4	33	1	ACCESSION:AX183778
27	22.4	0.4	24	1	ACCESSION:AR026545
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32	22.4	0.4	24	1	ACCESSION:AR128994
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C 34	22.4	0.4	24	1	ACCESSION:AR128996
35	22.4	0.4	24	1	ACCESSION:AR202467
36	22.4	0.4	24	1	ACCESSION:AR202468
37	22.4	0.4	24	1	ACCESSION:AR202469
38	22.4	0.4	24	1	ACCESSION:AR202470
39	22.4	0.4	24	1	ACCESSION:AR202471
40	22.4	0.4	24	1	ACCESSION:AR202472
41	22.4	0.4	33	1	ACCESSION:AR001555
42	22.4	0.4	33	1	ACCESSION:184406
43	21.4	0.4	32	1	ACCESSION:AX002034
44	20.6	0.4	29	1	ACCESSION:AX684019
45	20.4	0.4	22	1	ACCESSION:AX104716
46	20.4	0.4	22	1	ACCESSION:AX547769
47	20.4	0.4	26	1	ACCESSION:AS1713
48	20.4	0.4	26	1	ACCESSION:AR167592
49	20.4	0.4	26	1	ACCESSION:AR178302
50	20.4	0.4	26	1	ACCESSION:AX32384
51	20.4	0.4	26	1	ACCESSION:AX686854
52	20.4	0.4	30	1	ACCESSION:184401
53	20.4	0.4	30	1	ACCESSION:AX351713
54	20.4	0.4	31	1	ACCESSION:A01419
55	20.2	0.4	31	1	ACCESSION:AX745593
56	20	0.4	30	1	ACCESSION:E04684
57	20	0.4	30	1	ACCESSION:AR242044
58	19.8	0.4	23	1	ACCESSION:CO841335
59	19.8	0.4	23	1	ACCESSION:CO841340
60	19.8	0.4	25	1	ACCESSION:AR152840
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62	19.8	0.4	30	1	ACCESSION:AX573918
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67	19.4	0.4	21	1	ACCESSION:AR084557
68	19.4	0.4	21	1	ACCESSION:AR084589
69	19.4	0.4	21	1	ACCESSION:AR084592
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71	19.2	0.4	24	1	ACCESSION:AR194124
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77	19	0.4	27	1	ACCESSION:A63582
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84	18.8	0.4	28	1	ACCESSION:AR142456
85	18.8	0.4	28	1	ACCESSION:BD083501
86	18.6	0.4	25	1	ACCESSION:CQ627954
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90	18.4	0.3	20	1	ACCESSION:AR084604
91	18.4	0.3	20	1	ACCESSION:BD284445
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99	18.4	0.3	28	1	ACCESSION:AR382161
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101	18.2	0.3	25	1	ACCESSION:AX292593
102	18.2	0.3	25	1	ACCESSION:AR028113
103	18.2	0.3	25	1	ACCESSION:AR030289
104	18.2	0.3	25	1	ACCESSION:CQ627952
105	18.2	0.3	25	1	ACCESSION:CQ627953
106	18.2	0.3	25	1	ACCESSION:142108
			25	1	ACCESSION:AR469015

107	18.2	0.3	25	1	AR469016	ACCESSION:AR469016	C 180	17	0.3	25	1	AX533634	ACCESSION:AX533634
C 108	18.2	0.3	25	1	AX745591	ACCESSION:AX745591	C 181	17	0.3	25	1	AX533635	ACCESSION:AX533635
C 109	18.2	0.3	25	1	AX745595	ACCESSION:AX745595	C 182	17	0.3	25	1	AX745586	ACCESSION:AX745586
C 110	18.2	0.3	26	1	AX003685	ACCESSION:AX003685	C 183	17	0.3	25	1	AX745587	ACCESSION:AX745587
111	17.8	0.3	21	1	AX083691	ACCESSION:AX083691	C 184	17	0.3	25	1	AX745589	ACCESSION:AX745589
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C 114	17.8	0.3	22	1	AX083692	ACCESSION:AX083692	C 187	17	0.3	25	1	AX753232	ACCESSION:AX753232
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121	17.8	0.3	25	1	AR460599	ACCESSION:AR460599	C 194	16.8	0.3	22	1	AR169545	ACCESSION:AR169545
122	17.8	0.3	25	1	AR460600	ACCESSION:AR460600	C 195	16.8	0.3	23	1	AR280278	ACCESSION:AR280278
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124	17.8	0.3	25	1	AR460602	ACCESSION:AR460602	C 197	16.8	0.3	24	1	AX548240	ACCESSION:AX548240
C 125	17.8	0.3	25	1	AR460603	ACCESSION:AR460603	C 198	16.8	0.3	24	1	AX589224	ACCESSION:AX589224
C 126	17.8	0.3	25	1	AX533636	ACCESSION:AX533636	C 199	16.8	0.3	25	1	AR144840	ACCESSION:AR144840
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C 128	17.6	0.3	24	1	AX7230	ACCESSION:AX7230	C 201	16.8	0.3	25	1	C0628353	ACCESSION:C0628353
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C 130	17.6	0.3	25	1	C0627955	ACCESSION:C0627955	C 203	16.8	0.3	25	1	C0628355	ACCESSION:C0628355
C 131	17.6	0.3	25	1	AR274546	ACCESSION:AR274546	C 204	16.8	0.3	25	1	C0628356	ACCESSION:C0628356
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C 143	17.6	0.3	26	1	AX577451	ACCESSION:AX577451	C 216	16.8	0.3	25	1	AX191927	ACCESSION:AX191927
C 144	17.6	0.3	26	1	AX577452	ACCESSION:AX577452	C 217	16.8	0.3	25	1	AX533642	ACCESSION:AX533642
C 145	17.6	0.3	27	1	AR026053	ACCESSION:AR026053	C 218	16.6	0.3	23	1	AX116215	ACCESSION:AX116215
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C 149	17.6	0.3	27	1	AR260304	ACCESSION:AR260304	C 222	16.6	0.3	24	1	195524	ACCESSION:195524
C 150	17.6	0.3	27	1	BD107020	ACCESSION:BD107020	C 223	16.6	0.3	25	1	A69158	ACCESSION:A69158
C 151	17.4	0.3	25	1	C0619541	ACCESSION:C0619541	C 224	16.6	0.3	25	1	C0628819	ACCESSION:C0628819
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C 153	17.4	0.3	25	1	AR460604	ACCESSION:AR460604	C 226	16.6	0.3	25	1	C0628821	ACCESSION:C0628821
C 154	17.4	0.3	25	1	AR460605	ACCESSION:AR460605	C 227	16.6	0.3	25	1	E36888	ACCESSION:E36888
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C 156	17.2	0.3	23	1	AX961726	ACCESSION:AX961726	C 229	16.6	0.3	25	1	AR390565	ACCESSION:AR390565
C 157	17.2	0.3	23	1	AR037912	ACCESSION:AR037912	C 230	16.6	0.3	25	1	AR393179	ACCESSION:AR393179
C 158	17.2	0.3	24	1	AR166280	ACCESSION:AR166280	C 231	16.6	0.3	25	1	AR469882	ACCESSION:AR469882
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C 160	17.2	0.3	25	1	AR241033	ACCESSION:AR241033	C 233	16.6	0.3	25	1	AR469884	ACCESSION:AR469884
C 161	17.2	0.3	25	1	AR382330	ACCESSION:AR382330	C 234	16.6	0.3	25	1	AX009301	ACCESSION:AX009301
C 162	17.2	0.3	25	1	AR469014	ACCESSION:AR469014	C 235	16.6	0.3	25	1	AX042470	ACCESSION:AX042470
C 163	17.2	0.3	25	1	AX745590	ACCESSION:AX745590	C 236	16.6	0.3	25	1	AX042486	ACCESSION:AX042486
C 164	17.2	0.3	25	1	AX745596	ACCESSION:AX745596	C 237	16.6	0.3	25	1	AX197069	ACCESSION:AX197069
C 165	17.2	0.3	26	1	BD184063	ACCESSION:BD184063	C 238	16.6	0.3	25	1	AX476797	ACCESSION:AX476797
C 166	17.2	0.3	26	1	AX742239	ACCESSION:AX742239	C 239	16.6	0.3	25	1	AX476798	ACCESSION:AX476798
C 167	17	0.3	21	1	AX203612	ACCESSION:AX203612	C 240	16.6	0.3	25	1	AX476799	ACCESSION:AX476799
C 168	17	0.3	23	1	AR145805	ACCESSION:AR145805	C 241	16.6	0.3	25	1	AX500914	ACCESSION:AX500914
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C 171	17	0.3	25	1	C0627956	ACCESSION:C0627956	C 244	16.6	0.3	25	1	AX501148	ACCESSION:AX501148
C 172	17	0.3	25	1	C0627957	ACCESSION:C0627957	C 245	16.6	0.3	25	1	AX501149	ACCESSION:AX501149
C 173	17	0.3	25	1	C0627958	ACCESSION:C0627958	C 246	16.6	0.3	25	1	AX533631	ACCESSION:AX533631
C 174	17	0.3	25	1	AR468917	ACCESSION:AR468917	C 247	16.6	0.3	25	1	AR468918	ACCESSION:AR468918
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C 176	17	0.3	25	1	AR469019	ACCESSION:AR469019	C 249	16.4	0.3	18	1	AR178167	ACCESSION:AR178167
C 177	17	0.3	25	1	AR469020	ACCESSION:AR469020	C 250	16.4	0.3	18	1	AR178168	ACCESSION:AR178168
C 178	17	0.3	25	1	AR469021	ACCESSION:AR469021	C 251	16.4	0.3	20	1	AR069073	ACCESSION:AR069073
C 179	17	0.3	25	1	AX501157	ACCESSION:AX501157	C 252	16.4	0.3	20	1	AR299125	ACCESSION:AR299125

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256	16.4	0.3	21	1	AR304756	ACCESSION:AR304756	C 329	15.8	0.3	19	1	AX64617	ACCESSION:AX64617
257	16.4	0.3	22	1	AX591855	ACCESSION:AX591855	C 330	15.8	0.3	19	1	AR235541	ACCESSION:AR235541
258	16.4	0.3	22	1	AX926740	ACCESSION:AX926740	C 331	15.8	0.3	19	1	AX294112	ACCESSION:AX294112
259	16.4	0.3	22	1	AX937570	ACCESSION:AX937570	C 332	15.8	0.3	19	1	AX429370	ACCESSION:AX429370
260	16.4	0.3	22	1	AX318212	ACCESSION:AX318212	C 333	15.8	0.3	19	1	AX926740	ACCESSION:AX926740
261	16.4	0.3	25	1	CQ619543	ACCESSION:CQ619543	C 334	15.8	0.3	20	1	AR077174	ACCESSION:AR077174
262	16.4	0.3	25	1	AR460606	ACCESSION:AR460606	C 335	15.8	0.3	20	1	BD228482	ACCESSION:BD228482
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264	16.2	0.3	21	1	AR084566	ACCESSION:AR084566	C 337	15.8	0.3	20	1	E22408	ACCESSION:E22408
265	16.2	0.3	21	1	AR084567	ACCESSION:AR084567	C 338	15.8	0.3	20	1	AR182885	ACCESSION:AR182885
266	16.2	0.3	21	1	AR084578	ACCESSION:AR084578	C 339	15.8	0.3	20	1	AR271840	ACCESSION:AR271840
267	16.2	0.3	21	1	AR084579	ACCESSION:AR084579	C 340	15.8	0.3	20	1	AR307929	ACCESSION:AR307929
268	16.2	0.3	21	1	AR084582	ACCESSION:AR084582	C 341	15.8	0.3	20	1	AR315477	ACCESSION:AR315477
269	16.2	0.3	21	1	AR093142	ACCESSION:AR093142	C 342	15.8	0.3	20	1	AR350285	ACCESSION:AR350285
270	16.2	0.3	21	1	AR139686	ACCESSION:AR139686	C 343	15.8	0.3	20	1	AR359707	ACCESSION:AR359707
271	16.2	0.3	21	1	BD226160	ACCESSION:BD226160	C 344	15.8	0.3	20	1	AX104051	ACCESSION:AX104051
272	16.2	0.3	21	1	CQ799909	ACCESSION:CQ799909	C 345	15.8	0.3	20	1	AX297226	ACCESSION:AX297226
273	16.2	0.3	21	1	CQ830490	ACCESSION:CQ830490	C 346	15.8	0.3	20	1	AX355382	ACCESSION:AX355382
274	16.2	0.3	21	1	CQ830491	ACCESSION:CQ830491	C 347	15.8	0.3	20	1	AX547104	ACCESSION:AX547104
275	16.2	0.3	21	1	CQ830492	ACCESSION:CQ830492	C 348	15.8	0.3	20	1	AX938773	ACCESSION:AX938773
276	16.2	0.3	21	1	AR292596	ACCESSION:AR292596	C 349	15.8	0.3	21	1	BD069976	ACCESSION:BD069976
277	16.2	0.3	21	1	AR491649	ACCESSION:AR491649	C 350	15.8	0.3	21	1	AR009477	ACCESSION:AR009477
278	16.2	0.3	21	1	AR494490	ACCESSION:AR494490	C 351	15.8	0.3	21	1	AR014613	ACCESSION:AR014613
279	16.2	0.3	21	1	BD140133	ACCESSION:BD140133	C 352	15.8	0.3	21	1	AR043543	ACCESSION:AR043543
280	16.2	0.3	22	1	A61438	ACCESSION:A61438	C 353	15.8	0.3	21	1	AR064135	ACCESSION:AR064135
281	16.2	0.3	22	1	A86933	ACCESSION:A86933	C 354	15.8	0.3	21	1	I17560	ACCESSION:I17560
282	16.2	0.3	22	1	AR064345	ACCESSION:AR064345	C 355	15.8	0.3	21	1	I26736	ACCESSION:I26736
283	16.2	0.3	22	1	AR079236	ACCESSION:AR079236	C 356	15.8	0.3	21	1	I35556	ACCESSION:I35556
284	16.2	0.3	22	1	AR172577	ACCESSION:AR172577	C 357	15.8	0.3	21	1	AR305254	ACCESSION:AR305254
285	16.2	0.3	22	1	CQ827456	ACCESSION:CQ827456	C 358	15.8	0.3	21	1	AR309358	ACCESSION:AR309358
286	16.2	0.3	22	1	CQ841351	ACCESSION:CQ841351	C 359	15.8	0.3	21	1	AX096396	ACCESSION:AX096396
287	16.2	0.3	22	1	CQ846359	ACCESSION:CQ846359	C 360	15.8	0.3	21	1	AX117882	ACCESSION:AX117882
288	16.2	0.3	22	1	AR199059	ACCESSION:AR199059	C 361	15.8	0.3	21	1	AX249726	ACCESSION:AX249726
289	16.2	0.3	22	1	AR309667	ACCESSION:AR309667	C 362	15.8	0.3	21	1	BD010405	ACCESSION:BD010405
290	16.2	0.3	22	1	AR430168	ACCESSION:AR430168	C 363	15.8	0.3	21	1	BD106165	ACCESSION:BD106165
291	16.2	0.3	23	1	AR062822	ACCESSION:AR062822	C 364	15.8	0.3	22	1	AX116566	ACCESSION:AX116566
292	16.2	0.3	23	1	AR428171	ACCESSION:AR428171	C 365	15.8	0.3	22	1	AX921294	ACCESSION:AX921294
293	16.2	0.3	23	1	AX671007	ACCESSION:AX671007	C 366	15.8	0.3	23	1	BD185396	ACCESSION:BD185396
294	16.2	0.3	23	1	BD094338	ACCESSION:BD094338	C 367	15.8	0.3	23	1	E39399	ACCESSION:E39399
295	16.2	0.3	24	1	A23770	ACCESSION:A23770	C 368	15.8	0.3	23	1	E64657	ACCESSION:E64657
296	16.2	0.3	24	1	CQ794064	ACCESSION:CQ794064	C 369	15.8	0.3	23	1	AR493200	ACCESSION:AR493200
297	16.2	0.3	24	1	CQ798549	ACCESSION:CQ798549	C 370	15.8	0.3	23	1	AX454974	ACCESSION:AX454974
298	16.2	0.3	24	1	I47756	ACCESSION:I47756	C 371	15.8	0.3	23	1	BD173716	ACCESSION:BD173716
299	16.2	0.3	24	1	AX354421	ACCESSION:AX354421	C 372	15.8	0.3	24	1	AR009476	ACCESSION:AR009476
300	16.2	0.3	24	1	AX710221	ACCESSION:AX710221	C 373	15.8	0.3	24	1	AR043542	ACCESSION:AR043542
301	16	0.3	18	1	AR099375	ACCESSION:AR099375	C 374	15.8	0.3	24	1	AR059351	ACCESSION:AR059351
302	16	0.3	18	1	BD273578	ACCESSION:BD273578	C 375	15.8	0.3	24	1	AR064134	ACCESSION:AR064134
303	16	0.3	18	1	AR181576	ACCESSION:AR181576	C 376	15.8	0.3	24	1	AR071627	ACCESSION:AR071627
304	16	0.3	18	1	AR181616	ACCESSION:AR181616	C 377	15.8	0.3	24	1	AR078306	ACCESSION:AR078306
305	16	0.3	18	1	AR181667	ACCESSION:AR181667	C 378	15.8	0.3	24	1	AR078307	ACCESSION:AR078307
306	16	0.3	20	1	AX477112	ACCESSION:AX477112	C 379	15.8	0.3	24	1	BD234457	ACCESSION:BD234457
307	16	0.3	20	1	AX526488	ACCESSION:AX526488	C 380	15.8	0.3	24	1	I35555	ACCESSION:I35555
308	16	0.3	20	1	BD088386	ACCESSION:BD088386	C 381	15.8	0.3	24	1	AR489106	ACCESSION:AR489106
309	16	0.3	21	1	CQ821578	ACCESSION:CQ821578	C 382	15.8	0.3	24	1	AX487573	ACCESSION:AX487573
310	16	0.3	21	1	AX938687	ACCESSION:AX938687	C 383	15.8	0.3	24	1	AX815810	ACCESSION:AX815810
311	16	0.3	23	1	AR145806	ACCESSION:AR145806	C 384	15.6	0.3	22	1	AR066408	ACCESSION:AR066408
312	16	0.3	24	1	AR014472	ACCESSION:AR014472	C 385	15.6	0.3	22	1	AR171534	ACCESSION:AR171534
313	16	0.3	24	1	AR049716	ACCESSION:AR049716	C 386	15.6	0.3	22	1	CQ779060	ACCESSION:CQ779060
314	16	0.3	24	1	AR090904	ACCESSION:AR090904	C 387	15.6	0.3	22	1	I73378	ACCESSION:I73378
315	16	0.3	24	1	AR138778	ACCESSION:AR138778	C 388	15.6	0.3	22	1	AR361516	ACCESSION:AR361516
316	16	0.3	24	1	AR138802	ACCESSION:AR138802	C 389	15.6	0.3	22	1	AX223876	ACCESSION:AX223876
317	16	0.3	24	1	AR149610	ACCESSION:AR149610	C 390	15.6	0.3	22	1	AX644636	ACCESSION:AX644636
318	16	0.3	24	1	CQ817772	ACCESSION:CQ817772	C 391	15.6	0.3	22	1	AX921322	ACCESSION:AX921322
319	16	0.3	24	1	AR197939	ACCESSION:AR197939	C 392	15.6	0.3	22	1	AX938735	ACCESSION:AX938735
320	16	0.3	24	1	AR260093	ACCESSION:AR260093	C 393	15.6	0.3	22	1	BD005554	ACCESSION:BD005554
321	16	0.3	24	1	AR404740	ACCESSION:AR404740	C 394	15.6	0.3	22	1	AB175191	ACCESSION:AB175191
322	16	0.3	24	1	AX036379	ACCESSION:AX036379	C 395	15.6	0.3	23	1	A04130	ACCESSION:A04130
323	16	0.3	24	1	AX036446	ACCESSION:AX036446	C 396	15.6	0.3	23	1	AR090472	ACCESSION:AR090472
324	16	0.3	24	1	AX290322	ACCESSION:AX290322	C 397	15.6	0.3	23	1	BD226645	ACCESSION:BD226645
325	16	0.3	24	1	AX444123	ACCESSION:AX444123	C 398	15.6	0.3	23	1	E49928	ACCESSION:E49928

C 399	15.6	0.3	23	1	AR197507	ACCESSION:AR197507
C 400	15.6	0.3	23	1	AR259661	ACCESSION:AR259661
C 401	15.6	0.3	23	1	AR285012	ACCESSION:AR285012
C 402	15.6	0.3	23	1	AR302075	ACCESSION:AR302075
C 403	15.6	0.3	23	1	AR338176	ACCESSION:AR338176
C 404	15.6	0.3	23	1	AR345093	ACCESSION:AR345093
C 405	15.6	0.3	23	1	AX012589	ACCESSION:AX012589
C 406	15.6	0.3	23	1	AX50161	ACCESSION:AX50161
C 407	15.6	0.3	23	1	AX955852	ACCESSION:AX955852
C 408	15.6	0.3	23	1	AX959017	ACCESSION:AX959017
C 409	15.6	0.3	23	1	BD137953	ACCESSION:BD137953
C 410	15.6	0.3	24	1	A17058	ACCESSION:A17058
C 411	15.6	0.3	24	1	AR089939	ACCESSION:AR089939
C 412	15.6	0.3	24	1	AR113015	ACCESSION:AR113015
C 413	15.6	0.3	24	1	AR129570	ACCESSION:AR129570
C 414	15.6	0.3	24	1	AR161356	ACCESSION:AR161356
C 415	15.6	0.3	24	1	BD177185	ACCESSION:BD177185
C 416	15.6	0.3	24	1	BD205329	ACCESSION:BD205329
C 417	15.6	0.3	24	1	BD2121	ACCESSION:BD2121
C 418	15.6	0.3	24	1	E02121	ACCESSION:E02121
C 419	15.6	0.3	24	1	E13302	ACCESSION:E13302
C 420	15.6	0.3	24	1	AR196974	ACCESSION:AR196974
C 421	15.6	0.3	24	1	AR259128	ACCESSION:AR259128
C 422	15.6	0.3	24	1	AR338052	ACCESSION:AR338052
C 423	15.6	0.3	24	1	AR369949	ACCESSION:AR369949
C 424	15.6	0.3	24	1	AX015839	ACCESSION:AX015839
C 425	15.6	0.3	24	1	AX036502	ACCESSION:AX036502
C 426	15.6	0.3	24	1	AX036514	ACCESSION:AX036514
C 427	15.6	0.3	24	1	AX175500	ACCESSION:AX175500
C 428	15.6	0.3	24	1	AX288993	ACCESSION:AX288993
C 429	15.6	0.3	24	1	AX290385	ACCESSION:AX290385
C 430	15.6	0.3	24	1	AX290902	ACCESSION:AX290902
C 431	15.6	0.3	24	1	AX357829	ACCESSION:AX357829
C 432	15.6	0.3	24	1	AX445288	ACCESSION:AX445288
C 433	15.6	0.3	24	1	AX537227	ACCESSION:AX537227
C 434	15.6	0.3	24	1	AX554007	ACCESSION:AX554007
C 435	15.6	0.3	24	1	AX818074	ACCESSION:AX818074
C 436	15.6	0.3	24	1	BD081283	ACCESSION:BD081283
C 437	15.6	0.3	24	1	BD096583	ACCESSION:BD096583
C 438	15.4	0.3	17	1	AR057472	ACCESSION:AR057472
C 439	15.4	0.3	17	1	AR057476	ACCESSION:AR057476
C 440	15.4	0.3	17	1	AR074706	ACCESSION:AR074706
C 441	15.4	0.3	17	1	AR074707	ACCESSION:AR074707
C 442	15.4	0.3	17	1	AR074708	ACCESSION:AR074708
C 443	15.4	0.3	17	1	AR074709	ACCESSION:AR074709
C 444	15.4	0.3	17	1	AR091418	ACCESSION:AR091418
C 445	15.4	0.3	17	1	AR115230	ACCESSION:AR115230
C 446	15.4	0.3	17	1	AR115234	ACCESSION:AR115234
C 447	15.4	0.3	17	1	AR125623	ACCESSION:AR125623
C 448	15.4	0.3	17	1	BD177700	ACCESSION:BD177700
C 449	15.4	0.3	17	1	CO616605	ACCESSION:CO616605
C 450	15.4	0.3	17	1	CO616606	ACCESSION:CO616606
C 451	15.4	0.3	17	1	CO616607	ACCESSION:CO616607
C 452	15.4	0.3	17	1	CO623458	ACCESSION:CO623458
C 453	15.4	0.3	17	1	CO830787	ACCESSION:CO830787
C 454	15.4	0.3	17	1	E12897	ACCESSION:E12897
C 455	15.4	0.3	17	1	AR457668	ACCESSION:AR457668
C 456	15.4	0.3	17	1	AR457669	ACCESSION:AR457669
C 457	15.4	0.3	17	1	AR457670	ACCESSION:AR457670
C 458	15.4	0.3	17	1	AR464521	ACCESSION:AR464521
C 459	15.4	0.3	17	1	AX272913	ACCESSION:AX272913
C 460	15.4	0.3	17	1	AX503511	ACCESSION:AX503511
C 461	15.4	0.3	17	1	AX531570	ACCESSION:AX531570
C 462	15.4	0.3	17	1	AX634493	ACCESSION:AX634493
C 463	15.4	0.3	17	1	AX634501	ACCESSION:AX634501
C 464	15.4	0.3	17	1	AX687778	ACCESSION:AX687778
C 465	15.4	0.3	17	1	AX760382	ACCESSION:AX760382
C 466	15.4	0.3	19	1	AR074778	ACCESSION:AR074778
C 467	15.4	0.3	19	1	BD243002	ACCESSION:BD243002
C 468	15.4	0.3	20	1	AR070817	ACCESSION:AR070817
C 469	15.4	0.3	20	1	AR076725	ACCESSION:AR076725
C 470	15.4	0.3	20	1	AR104505	ACCESSION:AR104505
C 471	15.4	0.3	20	1	AR129515	ACCESSION:AR129515
C 472	15.4	0.3	20	1	AR157123	ACCESSION:AR157123
C 473	15.4	0.3	20	1	BD275596	ACCESSION:BD275596
C 474	15.4	0.3	20	1	BD275601	ACCESSION:BD275601
C 475	15.4	0.3	20	1	AR182782	ACCESSION:AR182782
C 476	15.4	0.3	20	1	AR223279	ACCESSION:AR223279
C 477	15.4	0.3	20	1	AR281886	ACCESSION:AR281886
C 478	15.4	0.3	20	1	AR300862	ACCESSION:AR300862
C 479	15.4	0.3	20	1	AR315901	ACCESSION:AR315901
C 480	15.4	0.3	20	1	AX018877	ACCESSION:AX018877
C 481	15.4	0.3	20	1	AX018892	ACCESSION:AX018892
C 482	15.4	0.3	20	1	AX018909	ACCESSION:AX018909
C 483	15.4	0.3	20	1	AX018924	ACCESSION:AX018924
C 484	15.4	0.3	20	1	AX019038	ACCESSION:AX019038
C 485	15.4	0.3	20	1	AX092628	ACCESSION:AX092628
C 486	15.4	0.3	20	1	AX149226	ACCESSION:AX149226
C 487	15.4	0.3	20	1	AX335519	ACCESSION:AX335519
C 488	15.4	0.3	20	1	BD016089	ACCESSION:BD016089
C 489	15.4	0.3	20	1	BD016208	ACCESSION:BD016208
C 490	15.4	0.3	20	1	BD017360	ACCESSION:BD017360
C 491	15.4	0.3	21	1	AR139651	ACCESSION:AR139651
C 492	15.4	0.3	21	1	BD260874	ACCESSION:BD260874
C 493	15.4	0.3	21	1	AR299788	ACCESSION:AR299788
C 494	15.4	0.3	21	1	AR333631	ACCESSION:AR333631
C 495	15.4	0.3	21	1	AR393632	ACCESSION:AR393632
C 496	15.4	0.3	21	1	AR483346	ACCESSION:AR483346
C 497	15.4	0.3	21	1	AX092790	ACCESSION:AX092790
C 498	15.4	0.3	21	1	AX092791	ACCESSION:AX092791
C 499	15.4	0.3	21	1	AX095716	ACCESSION:AX095716
C 500	15.4	0.3	21	1	AX280368	ACCESSION:AX280368
C 501	15.4	0.3	21	1	AX706354	ACCESSION:AX706354
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C 503	15.4	0.3	21	1	AX707284	ACCESSION:AX707284
C 504	15.4	0.3	21	1	AX707285	ACCESSION:AX707285
C 505	15.4	0.3	22	1	AX188728	ACCESSION:AX188728
C 506	15.4	0.3	23	1	AS0160	ACCESSION:AS0160
C 507	15.4	0.3	23	1	AR211070	ACCESSION:AR211070
C 508	15.2	0.3	20	1	AR029137	ACCESSION:AR029137
C 509	15.2	0.3	20	1	AR036521	ACCESSION:AR036521
C 510	15.2	0.3	20	1	AR066695	ACCESSION:AR066695
C 511	15.2	0.3	20	1	AR070562	ACCESSION:AR070562
C 512	15.2	0.3	20	1	AR072308	ACCESSION:AR072308
C 513	15.2	0.3	20	1	AR073958	ACCESSION:AR073958
C 514	15.2	0.3	20	1	AR083184	ACCESSION:AR083184
C 515	15.2	0.3	20	1	AR096054	ACCESSION:AR096054
C 516	15.2	0.3	20	1	AR098409	ACCESSION:AR098409
C 517	15.2	0.3	20	1	AR105513	ACCESSION:AR105513
C 518	15.2	0.3	20	1	AR107610	ACCESSION:AR107610
C 519	15.2	0.3	20	1	AR124961	ACCESSION:AR124961
C 520	15.2	0.3	20	1	AR136423	ACCESSION:AR136423
C 521	15.2	0.3	20	1	AR150199	ACCESSION:AR150199
C 522	15.2	0.3	20	1	AR162556	ACCESSION:AR162556
C 523	15.2	0.3	20	1	AR163874	ACCESSION:AR163874
C 524	15.2	0.3	20	1	AR166292	ACCESSION:AR166292
C 525	15.2	0.3	20	1	AR177711	ACCESSION:AR177711
C 526	15.2	0.3	20	1	BD228072	ACCESSION:BD228072
C 527	15.2	0.3	20	1	BD233051	ACCESSION:BD233051
C 528	15.2	0.3	20	1	BD262914	ACCESSION:BD262914
C 529	15.2	0.3	20	1	CQ764474	ACCESSION:CQ764474
C 530	15.2	0.3	20	1	CQ765898	ACCESSION:CQ765898
C 531	15.2	0.3	20	1	CQ784105	ACCESSION:CQ784105
C 532	15.2	0.3	20	1	E28933	ACCESSION:E28933
C 533	15.2	0.3	20	1	E49537	ACCESSION:E49537
C 534	15.2	0.3	20	1	E64119	ACCESSION:E64119
C 535	15.2	0.3	20	1	I27257	ACCESSION:I27257
C 536	15.2	0.3	20	1	AR182853	ACCESSION:AR182853
C 537	15.2	0.3	20	1	AR212287	ACCESSION:AR212287
C 538	15.2	0.3	20	1	AR215730	ACCESSION:AR215730
C 539	15.2	0.3	20	1	AR215981	ACCESSION:AR215981
C 540	15.2	0.3	20	1	AR220167	ACCESSION:AR220167
C 541	15.2	0.3	20	1	AR221378	ACCESSION:AR221378
C 542	15.2	0.3	20	1	AR226030	ACCESSION:AR226030
C 543	15.2	0.3	20	1	AR231421	ACCESSION:AR231421
C 544	15.2	0.3	20	1	AR252334	ACCESSION:AR252334

C 545	15.2	0.3	20	1	AR271866	ACCESSION:AR271866	618	15.2	0.3	22	1	BD094599	ACCESSION:BD094599
C 546	15.2	0.3	20	1	AR298631	ACCESSION:AR298631	C 619	15.2	0.3	22	1	BD130474	ACCESSION:BD130474
C 547	15.2	0.3	20	1	AR298873	ACCESSION:AR298873	C 620	15.2	0.3	22	1	ABD06894	ACCESSION:ABD06894
C 548	15.2	0.3	20	1	AR311514	ACCESSION:AR311514	C 621	15.2	0.3	23	1	A45285	ACCESSION:A45285
C 549	15.2	0.3	20	1	AR312323	ACCESSION:AR312323	C 622	15.2	0.3	23	1	A51544	ACCESSION:A51544
C 550	15.2	0.3	20	1	AR337695	ACCESSION:AR337695	C 623	15.2	0.3	23	1	AR030173	ACCESSION:AR030173
C 551	15.2	0.3	20	1	AR436981	ACCESSION:AR436981	C 624	15.2	0.3	23	1	AR077163	ACCESSION:AR077163
C 552	15.2	0.3	20	1	AX103846	ACCESSION:AX103846	C 625	15.2	0.3	23	1	AR084270	ACCESSION:AR084270
C 553	15.2	0.3	20	1	AX103847	ACCESSION:AX103847	C 626	15.2	0.3	23	1	AR116255	ACCESSION:AR116255
C 554	15.2	0.3	20	1	AX294959	ACCESSION:AX294959	C 627	15.2	0.3	23	1	CQ795388	ACCESSION:CQ795388
C 555	15.2	0.3	20	1	AX355526	ACCESSION:AX355526	C 628	15.2	0.3	23	1	CQ827383	ACCESSION:CQ827383
C 556	15.2	0.3	20	1	AX488558	ACCESSION:AX488558	C 629	15.2	0.3	23	1	AR233932	ACCESSION:AR233932
C 557	15.2	0.3	20	1	AX521733	ACCESSION:AX521733	C 630	15.2	0.3	23	1	AR280273	ACCESSION:AR280273
C 558	15.2	0.3	20	1	AX546899	ACCESSION:AX546899	C 631	15.2	0.3	23	1	AR280276	ACCESSION:AR280276
C 559	15.2	0.3	20	1	AX546900	ACCESSION:AX546900	C 632	15.2	0.3	23	1	AR280277	ACCESSION:AR280277
C 560	15.2	0.3	20	1	AX817807	ACCESSION:AX817807	C 633	15.2	0.3	23	1	AX058583	ACCESSION:AX058583
C 561	15.2	0.3	20	1	AX937579	ACCESSION:AX937579	C 634	15.2	0.3	23	1	AX059310	ACCESSION:AX059310
C 562	15.2	0.3	20	1	BD128029	ACCESSION:BD128029	C 635	15.2	0.3	23	1	AX181983	ACCESSION:AX181983
C 563	15.2	0.3	20	1	BD131968	ACCESSION:BD131968	C 636	15.2	0.3	23	1	AX935030	ACCESSION:AX935030
C 564	15.2	0.3	20	1	HUMT364LA	ACCESSION:BD131968	C 637	15.2	0.3	23	1	BD064810	ACCESSION:BD064810
C 565	15.2	0.3	21	1	A23846	ACCESSION:DS0237	C 638	15.2	0.3	23	1	BD128619	ACCESSION:BD128619
C 566	15.2	0.3	21	1	A43126	ACCESSION:A23846	C 639	15.2	0.3	23	1	BD128622	ACCESSION:BD128622
C 567	15.2	0.3	21	1	A92434	ACCESSION:A43126	C 640	15.2	0.3	23	1	BD128623	ACCESSION:BD128623
C 568	15.2	0.3	21	1	AR014612	ACCESSION:A92434	C 641	15.2	0.3	16	1	A12055	ACCESSION:A12055
C 569	15.2	0.3	21	1	AR014612	ACCESSION:AR014612	C 642	15.2	0.3	16	1	A12056	ACCESSION:A12056
C 570	15.2	0.3	21	1	AR066017	ACCESSION:AR014612	C 643	15.2	0.3	16	1	AR042880	ACCESSION:AR042880
C 571	15.2	0.3	21	1	AR096547	ACCESSION:AR066017	C 644	15.2	0.3	16	1	AR106504	ACCESSION:AR106504
C 572	15.2	0.3	21	1	AR140083	ACCESSION:AR096547	C 645	15.2	0.3	16	1	AR194731	ACCESSION:AR194731
C 573	15.2	0.3	21	1	AR156661	ACCESSION:AR140083	C 646	15.2	0.3	16	1	AR194732	ACCESSION:AR194732
C 574	15.2	0.3	21	1	AR175671	ACCESSION:AR156661	C 647	15.2	0.3	16	1	AR435742	ACCESSION:AR435742
C 575	15.2	0.3	21	1	BD186042	ACCESSION:AR175671	C 648	15.2	0.3	16	1	AX278613	ACCESSION:AR435742
C 576	15.2	0.3	21	1	CQ753214	ACCESSION:BD186042	C 649	15.2	0.3	17	1	CQ621663	ACCESSION:AX278613
C 577	15.2	0.3	21	1	CQ797881	ACCESSION:CQ753214	C 650	15.2	0.3	17	1	CQ621664	ACCESSION:CQ621663
C 578	15.2	0.3	21	1	CQ799908	ACCESSION:CQ797881	C 651	15.2	0.3	17	1	CQ621665	ACCESSION:CQ621664
C 579	15.2	0.3	21	1	E04604	ACCESSION:CQ799908	C 652	15.2	0.3	17	1	AR462726	ACCESSION:CQ621665
C 580	15.2	0.3	21	1	E26928	ACCESSION:E04604	C 653	15.2	0.3	17	1	AR462727	ACCESSION:AR462726
C 581	15.2	0.3	21	1	E30018	ACCESSION:E26928	C 654	15.2	0.3	17	1	AR462728	ACCESSION:AR462727
C 582	15.2	0.3	21	1	I14059	ACCESSION:E30018	C 655	15.2	0.3	17	1	AX731028	ACCESSION:AR462728
C 583	15.2	0.3	21	1	I26735	ACCESSION:I14059	C 656	15.2	0.3	17	1	AX762380	ACCESSION:AX731028
C 584	15.2	0.3	21	1	AR195247	ACCESSION:I26735	C 657	15.2	0.3	18	1	AR028980	ACCESSION:AX762380
C 585	15.2	0.3	21	1	AR222329	ACCESSION:AR195247	C 658	15.2	0.3	18	1	AR105021	ACCESSION:AR028980
C 586	15.2	0.3	21	1	AR235414	ACCESSION:AR222329	C 659	15.2	0.3	18	1	AR156862	ACCESSION:AR105021
C 587	15.2	0.3	21	1	AR241448	ACCESSION:AR235414	C 660	15.2	0.3	18	1	E14405	ACCESSION:AR156862
C 588	15.2	0.3	21	1	AX020522	ACCESSION:AR241448	C 661	15.2	0.3	18	1	AR412060	ACCESSION:E14405
C 589	15.2	0.3	21	1	AX020670	ACCESSION:AX020522	C 662	15.2	0.3	19	1	AR074770	ACCESSION:AR412060
C 590	15.2	0.3	21	1	AX643246	ACCESSION:AX020670	C 663	15.2	0.3	19	1	AR236573	ACCESSION:AR074770
C 591	15.2	0.3	21	1	AX643249	ACCESSION:AX643246	C 664	15.2	0.3	19	1	AR294823	ACCESSION:AR236573
C 592	15.2	0.3	21	1	AX787127	ACCESSION:AX643249	C 665	15.2	0.3	19	1	AX926752	ACCESSION:AR294823
C 593	15.2	0.3	21	1	AX959015	ACCESSION:AX787127	C 666	15.2	0.3	20	1	AR143160	ACCESSION:AX926752
C 594	15.2	0.3	21	1	BD010404	ACCESSION:AX959015	C 667	15.2	0.3	20	1	BD249335	ACCESSION:AR143160
C 595	15.2	0.3	21	1	BD014814	ACCESSION:BD010404	C 668	15.2	0.3	20	1	AR215791	ACCESSION:BD249335
C 596	15.2	0.3	21	1	BD056573	ACCESSION:BD014814	C 669	15.2	0.3	20	1	AR432254	ACCESSION:AR215791
C 597	15.2	0.3	21	1	BD095542	ACCESSION:BD056573	C 670	15.2	0.3	20	1	AR442505	ACCESSION:AR432254
C 598	15.2	0.3	21	1	BD142388	ACCESSION:BD095542	C 671	15.2	0.3	20	1	AX149227	ACCESSION:AR442505
C 599	15.2	0.3	21	1	BD143000	ACCESSION:BD142388	C 672	15.2	0.3	20	1	HSTR9A3	ACCESSION:AX149227
C 600	15.2	0.3	21	1	BD161966	ACCESSION:BD143000	C 673	15.2	0.3	21	1	AX095909	ACCESSION:Y13500 Y
C 601	15.2	0.3	21	1	MUSTCGXAM	ACCESSION:BD161966	C 674	15.2	0.3	22	1	AR074766	ACCESSION:AX095909
C 602	15.2	0.3	22	1	DOGPE5IA01	ACCESSION:M55941	C 675	15.2	0.3	22	1	AR074769	ACCESSION:AR074766
C 603	15.2	0.3	22	1	A25863	ACCESSION:LJ1888	C 676	15.2	0.3	22	1	AX278492	ACCESSION:AR074769
C 604	15.2	0.3	22	1	BD230297	ACCESSION:A25863	C 677	15.2	0.3	22	1	AX391436	ACCESSION:AX278492
C 605	15.2	0.3	22	1	BD268917	ACCESSION:BD230297	C 678	15.2	0.3	22	1	AX711255	ACCESSION:AX391436
C 606	15.2	0.3	22	1	CQ802965	ACCESSION:BD268917	C 679	15.2	0.3	22	1	AX794724	ACCESSION:AX711255
C 607	15.2	0.3	22	1	CQ819317	ACCESSION:CQ802965	C 680	15.2	0.3	22	1	AX926723	ACCESSION:AX794724
C 608	15.2	0.3	22	1	AR302570	ACCESSION:CQ819317	C 681	15.2	0.3	23	1	ATH521335	ACCESSION:AX926723
C 609	15.2	0.3	22	1	AR411976	ACCESSION:AR302570	C 682	15.2	0.3	23	1	A39450	ACCESSION:ATH521335
C 610	15.2	0.3	22	1	AR493165	ACCESSION:AR411976	C 683	15.2	0.3	23	1	A91604	ACCESSION:A39450
C 611	15.2	0.3	22	1	AX019138	ACCESSION:AR493165	C 684	15.2	0.3	23	1	AR009608	ACCESSION:A91604
C 612	15.2	0.3	22	1	AX035469	ACCESSION:AX019138	C 685	15.2	0.3	23	1	AR036068	ACCESSION:AR009608
C 613	15.2	0.3	22	1	AX056842	ACCESSION:AX035469	C 686	15.2	0.3	23	1	AR070838	ACCESSION:AR036068
C 614	15.2	0.3	22	1	AX277376	ACCESSION:AX056842	C 687	15.2	0.3	23	1	AR073811	ACCESSION:AR070838
C 615	15.2	0.3	22	1	AX429305	ACCESSION:AX277376	C 688	15.2	0.3	23	1	AR140010	ACCESSION:AR073811
C 616	15.2	0.3	22	1	AX77513	ACCESSION:AX429305	C 689	15.2	0.3	23	1	BD225369	ACCESSION:AR140010
C 617	15.2	0.3	22	1	BD088105	ACCESSION:AX77513	C 690	15.2	0.3	23	1	BD243517	ACCESSION:BD225369

C 691	15	0.3	23	1	C0814534	ACCESSION: C0814534	764	14.8	0.3	20	1	AR340820	ACCESSION: AR340820
C 692	15	0.3	23	1	C0831876	ACCESSION: C0831876	C 765	14.8	0.3	20	1	AR350286	ACCESSION: AR350286
C 693	15	0.3	23	1	127677	ACCESSION: 127677	C 766	14.8	0.3	20	1	AR397425	ACCESSION: AR397425
C 694	15	0.3	23	1	AR349567	ACCESSION: AR349567	C 767	14.8	0.3	20	1	AR428436	ACCESSION: AR428436
C 695	15	0.3	23	1	AR442288	ACCESSION: AR442288	C 768	14.8	0.3	20	1	AR493059	ACCESSION: AR493059
C 696	15	0.3	23	1	AR489295	ACCESSION: AR489295	C 769	14.8	0.3	20	1	AX006766	ACCESSION: AX006766
C 697	15	0.3	23	1	AX018819	ACCESSION: AX018819	C 770	14.8	0.3	20	1	AX141253	ACCESSION: AX141253
C 698	15	0.3	23	1	AX034940	ACCESSION: AX034940	C 771	14.8	0.3	20	1	AX149225	ACCESSION: AX149225
C 699	15	0.3	23	1	AX038312	ACCESSION: AX038312	C 772	14.8	0.3	20	1	AX167126	ACCESSION: AX167126
C 700	15	0.3	23	1	AX089271	ACCESSION: AX089271	C 773	14.8	0.3	20	1	AX292886	ACCESSION: AX292886
C 701	15	0.3	23	1	AX110660	ACCESSION: AX110660	C 774	14.8	0.3	20	1	AX298910	ACCESSION: AX298910
C 702	15	0.3	23	1	AX241174	ACCESSION: AX241174	C 775	14.8	0.3	20	1	AX375448	ACCESSION: AX375448
C 703	15	0.3	23	1	AX354447	ACCESSION: AX354447	C 776	14.8	0.3	20	1	AX462660	ACCESSION: AX462660
C 704	15	0.3	23	1	AX428093	ACCESSION: AX428093	C 777	14.8	0.3	20	1	AX644646	ACCESSION: AX644646
C 705	15	0.3	23	1	AX486764	ACCESSION: AX486764	C 778	14.8	0.3	20	1	AX662808	ACCESSION: AX662808
C 706	15	0.3	23	1	AX753231	ACCESSION: AX753231	C 779	14.8	0.3	20	1	AX700804	ACCESSION: AX700804
C 707	15	0.3	23	1	BD023386	ACCESSION: BD023386	C 780	14.8	0.3	20	1	AX708761	ACCESSION: AX708761
C 708	15	0.3	23	1	AX194879	ACCESSION: AX194879	C 781	14.8	0.3	20	1	AX823722	ACCESSION: AX823722
C 709	15	0.3	23	1	BX323527	ACCESSION: BX323527	C 782	14.8	0.3	20	1	AX938858	ACCESSION: AX938858
C 710	15	0.3	25	1	AX042470	ACCESSION: AX042470	C 783	14.8	0.3	20	1	BD023619	ACCESSION: BD023619
C 711	14.8	0.3	18	1	AR040499	ACCESSION: AR040499	C 784	14.8	0.3	20	1	BD097061	ACCESSION: BD097061
C 712	14.8	0.3	18	1	AR098772	ACCESSION: AR098772	C 785	14.8	0.3	21	1	A32733	ACCESSION: A32733
C 713	14.8	0.3	18	1	AR104801	ACCESSION: AR104801	C 786	14.8	0.3	21	1	A32787	ACCESSION: A32787
C 714	14.8	0.3	18	1	BD229251	ACCESSION: BD229251	C 787	14.8	0.3	21	1	A98476	ACCESSION: A98476
C 715	14.8	0.3	18	1	BD229251	ACCESSION: BD229251	C 788	14.8	0.3	21	1	A98477	ACCESSION: A98477
C 716	14.8	0.3	18	1	CQ796106	ACCESSION: CQ796106	C 789	14.8	0.3	21	1	AR043258	ACCESSION: AR043258
C 717	14.8	0.3	18	1	AR196702	ACCESSION: AR196702	C 790	14.8	0.3	21	1	AR074913	ACCESSION: AR074913
C 718	14.8	0.3	18	1	AR293075	ACCESSION: AR293075	C 791	14.8	0.3	21	1	AR075108	ACCESSION: AR075108
C 719	14.8	0.3	18	1	AR294051	ACCESSION: AR294051	C 792	14.8	0.3	21	1	AR100147	ACCESSION: AR100147
C 720	14.8	0.3	18	1	AR299235	ACCESSION: AR299235	C 793	14.8	0.3	21	1	AR100865	ACCESSION: AR100865
C 721	14.8	0.3	18	1	AR349503	ACCESSION: AR349503	C 794	14.8	0.3	21	1	BD227526	ACCESSION: BD227526
C 722	14.8	0.3	18	1	AR349519	ACCESSION: AR349519	C 795	14.8	0.3	21	1	BD227545	ACCESSION: BD227545
C 723	14.8	0.3	18	1	AR367457	ACCESSION: AR367457	C 796	14.8	0.3	21	1	BD26151	ACCESSION: BD26151
C 724	14.8	0.3	18	1	AX601100	ACCESSION: AX601100	C 797	14.8	0.3	21	1	CQ772371	ACCESSION: CQ772371
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C 726	14.8	0.3	19	1	BD230222	ACCESSION: BD230222	C 799	14.8	0.3	21	1	CQ813028	ACCESSION: CQ813028
C 727	14.8	0.3	19	1	CQ799990	ACCESSION: CQ799990	C 800	14.8	0.3	21	1	E23816	ACCESSION: E23816
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C 730	14.8	0.3	19	1	AR295565	ACCESSION: AR295565	C 803	14.8	0.3	21	1	182109	ACCESSION: 182109
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C 732	14.8	0.3	19	1	AX130767	ACCESSION: AX130767	C 805	14.8	0.3	21	1	AR296363	ACCESSION: AR296363
C 733	14.8	0.3	19	1	AX133619	ACCESSION: AX133619	C 806	14.8	0.3	21	1	AR296913	ACCESSION: AR296913
C 734	14.8	0.3	19	1	AX133621	ACCESSION: AX133621	C 807	14.8	0.3	21	1	AR297630	ACCESSION: AR297630
C 735	14.8	0.3	19	1	AX268273	ACCESSION: AX268273	C 808	14.8	0.3	21	1	AR299471	ACCESSION: AR299471
C 736	14.8	0.3	19	1	BD002098	ACCESSION: BD002098	C 809	14.8	0.3	21	1	AR306303	ACCESSION: AR306303
C 737	14.8	0.3	19	1	BD002141	ACCESSION: BD002141	C 810	14.8	0.3	21	1	AR442237	ACCESSION: AR442237
C 738	14.8	0.3	20	1	AR015996	ACCESSION: AR015996	C 811	14.8	0.3	21	1	AX095704	ACCESSION: AX095704
C 739	14.8	0.3	20	1	AR042899	ACCESSION: AR042899	C 812	14.8	0.3	21	1	AX096301	ACCESSION: AX096301
C 740	14.8	0.3	20	1	AR082037	ACCESSION: AR082037	C 813	14.8	0.3	21	1	AX096888	ACCESSION: AX096888
C 741	14.8	0.3	20	1	AR103906	ACCESSION: AR103906	C 814	14.8	0.3	21	1	AX154252	ACCESSION: AX154252
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C 750	14.8	0.3	20	1	AR172944	ACCESSION: AR172944	C 823	14.8	0.3	21	1	AX786695	ACCESSION: AX786695
C 751	14.8	0.3	20	1	BD182078	ACCESSION: BD182078	C 824	14.8	0.3	21	1	BD023739	ACCESSION: BD023739
C 752	14.8	0.3	20	1	BD190249	ACCESSION: BD190249	C 825	14.8	0.3	21	1	BD0414VA	ACCESSION: BD0414VA
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C 760	14.8	0.3	20	1	AR311333	ACCESSION: AR311333	C 833	14.8	0.3	22	1	E15265	ACCESSION: E15265
C 761	14.8	0.3	20	1	AR311956	ACCESSION: AR311956	C 834	14.8	0.3	22	1	E33375	ACCESSION: E33375
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C 839	14.8	0.3	22	1	AR317442	ACCESSION:AR317442	C 912	14.6	0.3	21	1	AX107828	ACCESSION:AX107828
C 840	14.8	0.3	22	1	AR349810	ACCESSION:AR349810	C 913	14.6	0.3	21	1	AX107829	ACCESSION:AX107829
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C 850	14.6	0.3	20	1	AR137243	ACCESSION:AR137243	C 923	14.6	0.3	21	1	AX575228	ACCESSION:AX575228
C 851	14.6	0.3	21	1	BOVINEM04	ACCESSION:ID83284	C 924	14.6	0.3	21	1	AX601147	ACCESSION:AX601147
C 852	14.6	0.3	21	1	AG0166	ACCESSION:AG0166	C 925	14.6	0.3	21	1	AX741051	ACCESSION:AX741051
C 853	14.6	0.3	21	1	AG5474	ACCESSION:AG5474	C 926	14.6	0.3	21	1	AX798801	ACCESSION:AX798801
C 854	14.6	0.3	21	1	A79516	ACCESSION:A79516	C 927	14.6	0.3	21	1	AX817655	ACCESSION:AX817655
C 855	14.6	0.3	21	1	AR020924	ACCESSION:AR020924	C 928	14.6	0.3	21	1	AX817656	ACCESSION:AX817656
C 856	14.6	0.3	21	1	AR029658	ACCESSION:AR029658	C 929	14.6	0.3	21	1	AX817656	ACCESSION:AX817656
C 857	14.6	0.3	21	1	AR051047	ACCESSION:AR051047	C 930	14.6	0.3	21	1	BD023134	ACCESSION:BD023134
C 858	14.6	0.3	21	1	AR053751	ACCESSION:AR053751	C 931	14.6	0.3	21	1	BD074163	ACCESSION:BD074163
C 859	14.6	0.3	21	1	AR065838	ACCESSION:AR065838	C 932	14.6	0.3	21	1	BD077065	ACCESSION:BD077065
C 860	14.6	0.3	21	1	AR069037	ACCESSION:AR069037	C 933	14.6	0.3	21	1	BD077066	ACCESSION:BD077066
C 861	14.6	0.3	21	1	AR073030	ACCESSION:AR073030	C 934	14.6	0.3	21	1	BD081033	ACCESSION:BD081033
C 862	14.6	0.3	21	1	AR080212	ACCESSION:AR080212	C 935	14.6	0.3	21	1	BD135013	ACCESSION:BD135013
C 863	14.6	0.3	21	1	AR084544	ACCESSION:AR084544	C 936	14.6	0.3	22	1	DOGPA98102	ACCESSION:L24273
C 864	14.6	0.3	21	1	AR084572	ACCESSION:AR084572	C 937	14.6	0.3	22	1	DOGPA98102	ACCESSION:L24287
C 865	14.6	0.3	21	1	AR084573	ACCESSION:AR084573	C 938	14.6	0.3	22	1	A42091	ACCESSION:A42091
C 866	14.6	0.3	21	1	AR084602	ACCESSION:AR084602	C 939	14.6	0.3	22	1	A46459	ACCESSION:A46459
C 867	14.6	0.3	21	1	AR094741	ACCESSION:AR094741	C 940	14.6	0.3	22	1	A51192	ACCESSION:A51192
C 868	14.6	0.3	21	1	AR127836	ACCESSION:AR127836	C 941	14.6	0.3	22	1	A51385	ACCESSION:A51385
C 869	14.6	0.3	21	1	AR129447	ACCESSION:AR129447	C 942	14.6	0.3	22	1	A52393	ACCESSION:A52393
C 870	14.6	0.3	21	1	AR146251	ACCESSION:AR146251	C 943	14.6	0.3	22	1	A62843	ACCESSION:A62843
C 871	14.6	0.3	21	1	AR163443	ACCESSION:AR163443	C 944	14.6	0.3	22	1	A77017	ACCESSION:A77017
C 872	14.6	0.3	21	1	AR165964	ACCESSION:AR165964	C 945	14.6	0.3	22	1	AR022302	ACCESSION:AR022302
C 873	14.6	0.3	21	1	AR178205	ACCESSION:AR178205	C 946	14.6	0.3	22	1	AR106739	ACCESSION:AR106739
C 874	14.6	0.3	21	1	AR178309	ACCESSION:AR178309	C 947	14.6	0.3	22	1	AR116072	ACCESSION:AR116072
C 875	14.6	0.3	21	1	AR178319	ACCESSION:AR178319	C 948	14.6	0.3	22	1	AR128821	ACCESSION:AR128821
C 876	14.6	0.3	21	1	BD190703	ACCESSION:BD190703	C 949	14.6	0.3	22	1	AR142645	ACCESSION:AR142645
C 877	14.6	0.3	21	1	BD227429	ACCESSION:BD227429	C 950	14.6	0.3	22	1	AR177656	ACCESSION:AR177656
C 878	14.6	0.3	21	1	BD230876	ACCESSION:BD230876	C 951	14.6	0.3	22	1	BD230346	ACCESSION:BD230346
C 879	14.6	0.3	21	1	BD250646	ACCESSION:BD250646	C 952	14.6	0.3	22	1	CO841353	ACCESSION:CO841353
C 880	14.6	0.3	21	1	BD250647	ACCESSION:BD250647	C 953	14.6	0.3	22	1	CO846361	ACCESSION:CO846361
C 881	14.6	0.3	21	1	CO754826	ACCESSION:CO754826	C 954	14.6	0.3	22	1	E28938	ACCESSION:E28938
C 882	14.6	0.3	21	1	CO778285	ACCESSION:CO778285	C 955	14.6	0.3	22	1	I49132	ACCESSION:I49132
C 883	14.6	0.3	21	1	CO798291	ACCESSION:CO798291	C 956	14.6	0.3	22	1	AR242486	ACCESSION:AR242486
C 884	14.6	0.3	21	1	CO830493	ACCESSION:CO830493	C 957	14.6	0.3	22	1	AR404600	ACCESSION:AR404600
C 885	14.6	0.3	21	1	CO830954	ACCESSION:CO830954	C 958	14.6	0.3	22	1	AR452081	ACCESSION:AR452081
C 886	14.6	0.3	21	1	E27053	ACCESSION:E27053	C 959	14.6	0.3	22	1	AX010990	ACCESSION:AX010990
C 887	14.6	0.3	21	1	E59395	ACCESSION:E59395	C 960	14.6	0.3	22	1	AX010992	ACCESSION:AX010992
C 888	14.6	0.3	21	1	E60076	ACCESSION:E60076	C 961	14.6	0.3	22	1	AX050113	ACCESSION:AX050113
C 889	14.6	0.3	21	1	I28143	ACCESSION:I28143	C 962	14.6	0.3	22	1	AX117490	ACCESSION:AX117490
C 890	14.6	0.3	21	1	I30539	ACCESSION:I30539	C 963	14.6	0.3	22	1	AX353525	ACCESSION:AX353525
C 891	14.6	0.3	21	1	I49133	ACCESSION:I49133	C 964	14.6	0.3	22	1	AX353595	ACCESSION:AX353595
C 892	14.6	0.3	21	1	I73330	ACCESSION:I73330	C 965	14.6	0.3	22	1	AX417440	ACCESSION:AX417440
C 893	14.6	0.3	21	1	AR194738	ACCESSION:AR194738	C 966	14.6	0.3	22	1	AX427064	ACCESSION:AX427064
C 894	14.6	0.3	21	1	AR213252	ACCESSION:AR213252	C 967	14.6	0.3	22	1	AX687007	ACCESSION:AX687007
C 895	14.6	0.3	21	1	AR214487	ACCESSION:AR214487	C 968	14.6	0.3	22	1	AX926724	ACCESSION:AX926724
C 896	14.6	0.3	21	1	AR265749	ACCESSION:AR265749	C 969	14.6	0.3	22	1	AX956482	ACCESSION:AX956482
C 897	14.6	0.3	21	1	AR274841	ACCESSION:AR274841	C 970	14.6	0.3	22	1	AX962570	ACCESSION:AX962570
C 898	14.6	0.3	21	1	AR285371	ACCESSION:AR285371	C 971	14.6	0.3	22	1	BD015532	ACCESSION:BD015532
C 899	14.6	0.3	21	1	AR292227	ACCESSION:AR292227	C 972	14.6	0.3	22	1	BD077067	ACCESSION:BD077067
C 900	14.6	0.3	21	1	AR296742	ACCESSION:AR296742	C 973	14.6	0.3	16	1	AR080878	ACCESSION:AR080878
C 901	14.6	0.3	21	1	AR299064	ACCESSION:AR299064	C 974	14.4	0.3	16	1	AX958284	ACCESSION:AX958284
C 902	14.6	0.3	21	1	AR343188	ACCESSION:AR343188	C 975	14.4	0.3	17	1	A27314	ACCESSION:A27314
C 903	14.6	0.3	21	1	AR344341	ACCESSION:AR344341	C 976	14.4	0.3	17	1	AR091417	ACCESSION:AR091417
C 904	14.6	0.3	21	1	AR361464	ACCESSION:AR361464	C 977	14.4	0.3	17	1	AR091419	ACCESSION:AR091419
C 905	14.6	0.3	21	1	AR488158	ACCESSION:AR488158	C 978	14.4	0.3	17	1	AR125622	ACCESSION:AR125622
C 906	14.6	0.3	21	1	AX016235	ACCESSION:AX016235	C 979	14.4	0.3	17	1	AR125624	ACCESSION:AR125624
C 907	14.6	0.3	21	1	AX058360	ACCESSION:AX058360	C 980	14.4	0.3	17	1	AR164572	ACCESSION:AR164572
C 908	14.6	0.3	21	1	AX073503	ACCESSION:AX073503	C 981	14.4	0.3	17	1	BD254003	ACCESSION:BD254003
C 909	14.6	0.3	21	1	AX095648	ACCESSION:AX095648	C 982	14.4	0.3	17	1	BD257482	ACCESSION:BD257482

983	14.4	0.3	17	1	CO616604	ACCESSION:CO616604	C1056	14.4	0.3	19	1	BD089355	ACCESSION:BD089355
984	14.4	0.3	17	1	CO616608	ACCESSION:CO616608	C1057	14.4	0.3	19	1	AB068582	ACCESSION:AB068582
C 985	14.4	0.3	17	1	CO621963	ACCESSION:CO621963	C1058	14.4	0.3	20	1	A42953	ACCESSION:A42953
C 986	14.4	0.3	17	1	CO621964	ACCESSION:CO621964	C1059	14.4	0.3	20	1	AR074798	ACCESSION:AR074798
987	14.4	0.3	17	1	CO622345	ACCESSION:CO622345	C1060	14.4	0.3	20	1	AR11515	ACCESSION:AR11515
C 988	14.4	0.3	17	1	CO622346	ACCESSION:CO622346	C1061	14.4	0.3	20	1	AR114092	ACCESSION:AR114092
C 989	14.4	0.3	17	1	CO623457	ACCESSION:CO623457	C1062	14.4	0.3	20	1	BD247638	ACCESSION:BD247638
C 990	14.4	0.3	17	1	CO623459	ACCESSION:CO623459	C1063	14.4	0.3	20	1	BD260849	ACCESSION:BD260849
C 991	14.4	0.3	17	1	CO623461	ACCESSION:CO623461	C1064	14.4	0.3	20	1	C0755269	ACCESSION:C0755269
C 992	14.4	0.3	17	1	CO623462	ACCESSION:CO623462	C1065	14.4	0.3	20	1	AR199449	ACCESSION:AR199449
C 993	14.4	0.3	17	1	I13953	ACCESSION:I13953	C1066	14.4	0.3	20	1	AR200920	ACCESSION:AR200920
994	14.4	0.3	17	1	I89346	ACCESSION:I89346	C1067	14.4	0.3	20	1	AR207157	ACCESSION:AR207157
995	14.4	0.3	17	1	AR242714	ACCESSION:AR242714	C1068	14.4	0.3	20	1	AR221397	ACCESSION:AR221397
996	14.4	0.3	17	1	AR381869	ACCESSION:AR381869	C1069	14.4	0.3	20	1	AR225107	ACCESSION:AR225107
997	14.4	0.3	17	1	AR457667	ACCESSION:AR457667	C1070	14.4	0.3	20	1	AR229969	ACCESSION:AR229969
C 998	14.4	0.3	17	1	AR457671	ACCESSION:AR457671	C1071	14.4	0.3	20	1	AR298089	ACCESSION:AR298089
C 999	14.4	0.3	17	1	AR463026	ACCESSION:AR463026	C1072	14.4	0.3	20	1	AR307965	ACCESSION:AR307965
C1000	14.4	0.3	17	1	AR463027	ACCESSION:AR463027	C1073	14.4	0.3	20	1	AR313814	ACCESSION:AR313814
1001	14.4	0.3	17	1	AR463408	ACCESSION:AR463408	C1074	14.4	0.3	20	1	AR345107	ACCESSION:AR345107
1002	14.4	0.3	17	1	AR463409	ACCESSION:AR463409	C1075	14.4	0.3	20	1	AR371923	ACCESSION:AR371923
C1003	14.4	0.3	17	1	AR464520	ACCESSION:AR464520	C1076	14.4	0.3	20	1	AR371930	ACCESSION:AR371930
C1004	14.4	0.3	17	1	AR464522	ACCESSION:AR464522	C1077	14.4	0.3	20	1	AR486882	ACCESSION:AR486882
C1005	14.4	0.3	17	1	AR464524	ACCESSION:AR464524	C1078	14.4	0.3	20	1	AR488906	ACCESSION:AR488906
C1006	14.4	0.3	17	1	AR464525	ACCESSION:AR464525	C1079	14.4	0.3	20	1	AX016796	ACCESSION:AX016796
1007	14.4	0.3	17	1	AX101068	ACCESSION:AX101068	C1080	14.4	0.3	20	1	AX077123	ACCESSION:AX077123
C1008	14.4	0.3	17	1	AX263704	ACCESSION:AX263704	C1081	14.4	0.3	20	1	AX141112	ACCESSION:AX141112
C1009	14.4	0.3	17	1	AX263705	ACCESSION:AX263705	C1082	14.4	0.3	20	1	AX148051	ACCESSION:AX148051
1010	14.4	0.3	17	1	AX272796	ACCESSION:AX272796	C1083	14.4	0.3	20	1	AX419671	ACCESSION:AX419671
1011	14.4	0.3	17	1	AX272797	ACCESSION:AX272797	C1084	14.4	0.3	20	1	AX459758	ACCESSION:AX459758
1012	14.4	0.3	17	1	AX272912	ACCESSION:AX272912	C1085	14.4	0.3	20	1	AX468855	ACCESSION:AX468855
1013	14.4	0.3	17	1	AX272914	ACCESSION:AX272914	C1086	14.4	0.3	20	1	BD084933	ACCESSION:BD084933
C1014	14.4	0.3	17	1	AX272934	ACCESSION:AX272934	C1087	14.4	0.3	20	1	BD107194	ACCESSION:BD107194
C1015	14.4	0.3	17	1	AX499701	ACCESSION:AX499701	C1088	14.4	0.3	20	1	BD169451	ACCESSION:BD169451
C1016	14.4	0.3	17	1	AX499702	ACCESSION:AX499702	C1089	14.4	0.3	21	1	DOGB25301	ACCESSION:L15686
C1017	14.4	0.3	17	1	AX531569	ACCESSION:AX531569	C1090	14.4	0.3	21	1	A16411	ACCESSION:A16411
C1018	14.4	0.3	17	1	AX531571	ACCESSION:AX531571	C1091	14.4	0.3	21	1	A74293	ACCESSION:A74293
1019	14.4	0.3	17	1	AX674324	ACCESSION:AX674324	C1092	14.4	0.3	21	1	AR030686	ACCESSION:AR030686
1020	14.4	0.3	17	1	AX687777	ACCESSION:AX687777	C1093	14.4	0.3	21	1	AR038834	ACCESSION:AR038834
1021	14.4	0.3	17	1	AX687779	ACCESSION:AX687779	C1094	14.4	0.3	21	1	AR082449	ACCESSION:AR082449
C1022	14.4	0.3	17	1	AX726327	ACCESSION:AX726327	C1095	14.4	0.3	21	1	AR139005	ACCESSION:AR139005
1023	14.4	0.3	17	1	AX727134	ACCESSION:AX727134	C1096	14.4	0.3	21	1	BD260875	ACCESSION:BD260875
C1024	14.4	0.3	17	1	AX736703	ACCESSION:AX736703	C1097	14.4	0.3	21	1	BD260876	ACCESSION:BD260876
C1025	14.4	0.3	17	1	AX736893	ACCESSION:AX736893	C1098	14.4	0.3	21	1	BD260877	ACCESSION:BD260877
C1026	14.4	0.3	17	1	AX753433	ACCESSION:AX753433	C1099	14.4	0.3	21	1	CQ846800	ACCESSION:CQ846800
1027	14.4	0.3	17	1	AX783522	ACCESSION:AX783522	C1100	14.4	0.3	21	1	AR309613	ACCESSION:AR309613
1028	14.4	0.3	17	1	AX783523	ACCESSION:AX783523	C1101	14.4	0.3	21	1	AX045526	ACCESSION:AX045526
1029	14.4	0.3	17	1	BD104450	ACCESSION:BD104450	C1102	14.4	0.3	21	1	AX095590	ACCESSION:AX095590
C1030	14.4	0.3	18	1	AR051129	ACCESSION:AR051129	C1103	14.4	0.3	21	1	AX095850	ACCESSION:AX095850
C1031	14.4	0.3	18	1	AR105653	ACCESSION:AR105653	C1104	14.4	0.3	21	1	AX096369	ACCESSION:AX096369
C1032	14.4	0.3	18	1	AR110611	ACCESSION:AR110611	C1105	14.4	0.3	21	1	AX096428	ACCESSION:AX096428
C1033	14.4	0.3	18	1	AR141547	ACCESSION:AR141547	C1106	14.4	0.3	21	1	AX154123	ACCESSION:AX154123
C1034	14.4	0.3	18	1	AR142872	ACCESSION:AR142872	C1107	14.4	0.3	21	1	AX203381	ACCESSION:AX203381
C1035	14.4	0.3	18	1	AR153750	ACCESSION:AR153750	C1108	14.4	0.3	21	1	AX203641	ACCESSION:AX203641
C1036	14.4	0.3	18	1	BD273419	ACCESSION:BD273419	C1109	14.4	0.3	21	1	AX247912	ACCESSION:AX247912
1037	14.4	0.3	18	1	CQ778070	ACCESSION:CQ778070	C1110	14.4	0.3	21	1	AX350483	ACCESSION:AX350483
C1038	14.4	0.3	18	1	E26536	ACCESSION:E26536	C1111	14.4	0.3	21	1	AX712203	ACCESSION:AX712203
C1039	14.4	0.3	18	1	I05796	ACCESSION:I05796	C1112	14.4	0.3	21	1	BD173943	ACCESSION:BD173943
C1040	14.4	0.3	18	1	I28749	ACCESSION:I28749	C1113	14.4	0.3	22	1	AR067041	ACCESSION:AR067041
C1041	14.4	0.3	18	1	I50655	ACCESSION:I50655	C1114	14.4	0.3	22	1	AR086554	ACCESSION:AR086554
C1042	14.4	0.3	18	1	I51689	ACCESSION:I51689	C1115	14.4	0.3	22	1	AR086555	ACCESSION:AR086555
C1043	14.4	0.3	18	1	I67642	ACCESSION:I67642	C1116	14.4	0.3	22	1	CQ818723	ACCESSION:CQ818723
C1044	14.4	0.3	18	1	I71136	ACCESSION:I71136	C1117	14.4	0.3	22	1	CQ818731	ACCESSION:CQ818731
C1045	14.4	0.3	18	1	AR292756	ACCESSION:AR292756	C1118	14.4	0.3	22	1	CQ846960	ACCESSION:CQ846960
C1046	14.4	0.3	18	1	AR294490	ACCESSION:AR294490	C1119	14.4	0.3	22	1	AR230537	ACCESSION:AR230537
C1047	14.4	0.3	18	1	AR294490	ACCESSION:AR294490	C1120	14.4	0.3	22	1	AR310232	ACCESSION:AR310232
C1048	14.4	0.3	18	1	AR294490	ACCESSION:AR294490	C1121	14.4	0.3	22	1	AR330644	ACCESSION:AR330644
1049	14.4	0.3	18	1	BD087860	ACCESSION:BD087860	C1122	14.4	0.3	22	1	AR360311	ACCESSION:AR360311
1050	14.4	0.3	18	1	BD103954	ACCESSION:BD103954	C1123	14.4	0.3	22	1	AR494378	ACCESSION:AR494378
1051	14.4	0.3	19	1	AR066916	ACCESSION:AR066916	C1124	14.4	0.3	22	1	AX115658	ACCESSION:AX115658
C1052	14.4	0.3	19	1	AR204625	ACCESSION:AR204625	C1125	14.4	0.3	22	1	AX210954	ACCESSION:AX210954
C1053	14.4	0.3	19	1	AX132242	ACCESSION:AX132242	C1126	14.4	0.3	22	1	AX776550	ACCESSION:AX776550
1054	14.4	0.3	19	1	AX230270	ACCESSION:AX230270	C1127	14.4	0.3	22	1	BD001095	ACCESSION:BD001095
C1055	14.4	0.3	19	1	AX838460	ACCESSION:AX838460	C1128	14.4	0.3	22	1	BD001524	ACCESSION:BD001524

1129	14.4	0.3	22	1	BD016467	ACCESSION:BD016467	1202	14.2	0.3	19	1	BD169998	ACCESSION:BD169998
1130	14.4	0.3	22	1	BD082943	ACCESSION:BD082943	1203	14.2	0.3	19	1	AB065958	ACCESSION:AB065958
1131	14.4	0.3	22	1	BD090103	ACCESSION:BD090103	1204	14.2	0.3	20	1	DOG18802	ACCESSION:L24215
1132	14.4	0.3	22	1	BD097544	ACCESSION:BD097544	1205	14.2	0.3	20	1	A30766	ACCESSION:A30766
1133	14.4	0.3	22	1	BD103831	ACCESSION:BD103831	1206	14.2	0.3	20	1	A65903	ACCESSION:A65903
1134	14.4	0.3	22	1	ATH524982	ACCESSION:ATH524982	1207	14.2	0.3	20	1	A67862	ACCESSION:A67862
1135	14.4	0.3	22	1	ATH525002	ACCESSION:ATH525002	1208	14.2	0.3	20	1	A94717	ACCESSION:A94717
1136	14.4	0.3	27	1	116937	ACCESSION:116937	1209	14.2	0.3	20	1	A98537	ACCESSION:A98537
1137	14.4	0.3	32	1	AX687211	ACCESSION:AX687211	1210	14.2	0.3	20	1	AR026506	ACCESSION:AR026506
1138	14.4	0.3	32	1	AX687231	ACCESSION:AX687231	1211	14.2	0.3	20	1	AR026577	ACCESSION:AR026577
1139	14.4	0.3	32	1	AX687241	ACCESSION:AX687241	1212	14.2	0.3	20	1	AR027715	ACCESSION:AR027715
1140	14.2	0.3	19	1	A43134	ACCESSION:A43134	1213	14.2	0.3	20	1	AR036620	ACCESSION:AR036620
1141	14.2	0.3	19	1	AR03800	ACCESSION:AR03800	1214	14.2	0.3	20	1	AR037881	ACCESSION:AR037881
1142	14.2	0.3	19	1	AR010136	ACCESSION:AR010136	1215	14.2	0.3	20	1	AR052628	ACCESSION:AR052628
1143	14.2	0.3	19	1	AR034696	ACCESSION:AR034696	1216	14.2	0.3	20	1	AR072844	ACCESSION:AR072844
1144	14.2	0.3	19	1	AR035569	ACCESSION:AR035569	1217	14.2	0.3	20	1	AR076672	ACCESSION:AR076672
1145	14.2	0.3	19	1	AR055342	ACCESSION:AR055342	1218	14.2	0.3	20	1	AR079640	ACCESSION:AR079640
1146	14.2	0.3	19	1	AR073809	ACCESSION:AR073809	1219	14.2	0.3	20	1	AR084434	ACCESSION:AR084434
1147	14.2	0.3	19	1	AR083083	ACCESSION:AR083083	1220	14.2	0.3	20	1	AR093876	ACCESSION:AR093876
1148	14.2	0.3	19	1	AR083084	ACCESSION:AR083084	1221	14.2	0.3	20	1	AR094593	ACCESSION:AR094593
1149	14.2	0.3	19	1	AR141271	ACCESSION:AR141271	1222	14.2	0.3	20	1	AR098227	ACCESSION:AR098227
1150	14.2	0.3	19	1	AR141508	ACCESSION:AR141508	1223	14.2	0.3	20	1	AR099506	ACCESSION:AR099506
1151	14.2	0.3	19	1	AR154250	ACCESSION:AR154250	1224	14.2	0.3	20	1	AR100320	ACCESSION:AR100320
1152	14.2	0.3	19	1	BD185759	ACCESSION:BD185759	1225	14.2	0.3	20	1	AR100464	ACCESSION:AR100464
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1154	14.2	0.3	19	1	BD251487	ACCESSION:BD251487	1227	14.2	0.3	20	1	AR103905	ACCESSION:AR103905
1155	14.2	0.3	19	1	BD276061	ACCESSION:BD276061	1228	14.2	0.3	20	1	AR107609	ACCESSION:AR107609
1156	14.2	0.3	19	1	CQ779502	ACCESSION:CQ779502	1229	14.2	0.3	20	1	AR107611	ACCESSION:AR107611
1157	14.2	0.3	19	1	CQ812858	ACCESSION:CQ812858	1230	14.2	0.3	20	1	AR107612	ACCESSION:AR107612
1158	14.2	0.3	19	1	111983	ACCESSION:111983	1231	14.2	0.3	20	1	AR107613	ACCESSION:AR107613
1159	14.2	0.3	19	1	114249	ACCESSION:114249	1232	14.2	0.3	20	1	AR112658	ACCESSION:AR112658
1160	14.2	0.3	19	1	114542	ACCESSION:114542	1233	14.2	0.3	20	1	AR120012	ACCESSION:AR120012
1161	14.2	0.3	19	1	122712	ACCESSION:122712	1234	14.2	0.3	20	1	AR120077	ACCESSION:AR120077
1162	14.2	0.3	19	1	140553	ACCESSION:140553	1235	14.2	0.3	20	1	AR122482	ACCESSION:AR122482
1163	14.2	0.3	19	1	140556	ACCESSION:140556	1236	14.2	0.3	20	1	AR124478	ACCESSION:AR124478
1164	14.2	0.3	19	1	147537	ACCESSION:147537	1237	14.2	0.3	20	1	AR126640	ACCESSION:AR126640
1165	14.2	0.3	19	1	176391	ACCESSION:176391	1238	14.2	0.3	20	1	AR149975	ACCESSION:AR149975
1166	14.2	0.3	19	1	183811	ACCESSION:183811	1239	14.2	0.3	20	1	AR150119	ACCESSION:AR150119
1167	14.2	0.3	19	1	186139	ACCESSION:186139	1240	14.2	0.3	20	1	AR150211	ACCESSION:AR150211
1168	14.2	0.3	19	1	186233	ACCESSION:186233	1241	14.2	0.3	20	1	AR150298	ACCESSION:AR150298
1169	14.2	0.3	19	1	AR295279	ACCESSION:AR295279	1242	14.2	0.3	20	1	AR153111	ACCESSION:AR153111
1170	14.2	0.3	19	1	AR296773	ACCESSION:AR296773	1243	14.2	0.3	20	1	AR160688	ACCESSION:AR160688
1171	14.2	0.3	19	1	AR368037	ACCESSION:AR368037	1244	14.2	0.3	20	1	AR162557	ACCESSION:AR162557
1172	14.2	0.3	19	1	AR431018	ACCESSION:AR431018	1245	14.2	0.3	20	1	AR163820	ACCESSION:AR163820
1173	14.2	0.3	19	1	AR451545	ACCESSION:AR451545	1246	14.2	0.3	20	1	AR163839	ACCESSION:AR163839
1174	14.2	0.3	19	1	AR451570	ACCESSION:AR451570	1247	14.2	0.3	20	1	AR163861	ACCESSION:AR163861
1175	14.2	0.3	19	1	AR473745	ACCESSION:AR473745	1248	14.2	0.3	20	1	AR163875	ACCESSION:AR163875
1176	14.2	0.3	19	1	AX028188	ACCESSION:AX028188	1249	14.2	0.3	20	1	AR170526	ACCESSION:AR170526
1177	14.2	0.3	19	1	AX089269	ACCESSION:AX089269	1250	14.2	0.3	20	1	AR173865	ACCESSION:AR173865
1178	14.2	0.3	19	1	AX116374	ACCESSION:AX116374	1251	14.2	0.3	20	1	AR178787	ACCESSION:AR178787
1179	14.2	0.3	19	1	AX130952	ACCESSION:AX130952	1252	14.2	0.3	20	1	BD175321	ACCESSION:BD175321
1180	14.2	0.3	19	1	AX131572	ACCESSION:AX131572	1253	14.2	0.3	20	1	BD176297	ACCESSION:BD176297
1181	14.2	0.3	19	1	AX132543	ACCESSION:AX132543	1254	14.2	0.3	20	1	BD178721	ACCESSION:BD178721
1182	14.2	0.3	19	1	AX132618	ACCESSION:AX132618	1255	14.2	0.3	20	1	BD178835	ACCESSION:BD178835
1183	14.2	0.3	19	1	AX132620	ACCESSION:AX132620	1256	14.2	0.3	20	1	BD181761	ACCESSION:BD181761
1184	14.2	0.3	19	1	AX233361	ACCESSION:AX233361	1257	14.2	0.3	20	1	BD195136	ACCESSION:BD195136
1185	14.2	0.3	19	1	AX233458	ACCESSION:AX233458	1258	14.2	0.3	20	1	BD196020	ACCESSION:BD196020
1186	14.2	0.3	19	1	AX297771	ACCESSION:AX297771	1259	14.2	0.3	20	1	BD227848	ACCESSION:BD227848
1187	14.2	0.3	19	1	AX378410	ACCESSION:AX378410	1260	14.2	0.3	20	1	BD227992	ACCESSION:BD227992
1188	14.2	0.3	19	1	AX404065	ACCESSION:AX404065	1261	14.2	0.3	20	1	BD228084	ACCESSION:BD228084
1189	14.2	0.3	19	1	AX412090	ACCESSION:AX412090	1262	14.2	0.3	20	1	BD228171	ACCESSION:BD228171
1190	14.2	0.3	19	1	AX412115	ACCESSION:AX412115	1263	14.2	0.3	20	1	BD228462	ACCESSION:BD228462
1191	14.2	0.3	19	1	AX445765	ACCESSION:AX445765	1264	14.2	0.3	20	1	BD230134	ACCESSION:BD230134
1192	14.2	0.3	19	1	AX463197	ACCESSION:AX463197	1265	14.2	0.3	20	1	BD230416	ACCESSION:BD230416
1193	14.2	0.3	19	1	AX491295	ACCESSION:AX491295	1266	14.2	0.3	20	1	BD230765	ACCESSION:BD230765
1194	14.2	0.3	19	1	AX537672	ACCESSION:AX537672	1267	14.2	0.3	20	1	BD251864	ACCESSION:BD251864
1195	14.2	0.3	19	1	AX601014	ACCESSION:AX601014	1268	14.2	0.3	20	1	BD268714	ACCESSION:BD268714
1196	14.2	0.3	19	1	AX643200	ACCESSION:AX643200	1269	14.2	0.3	20	1	BD272732	ACCESSION:BD272732
1197	14.2	0.3	19	1	AX643203	ACCESSION:AX643203	1270	14.2	0.3	20	1	CQ753210	ACCESSION:CQ753210
1198	14.2	0.3	19	1	AX670675	ACCESSION:AX670675	1271	14.2	0.3	20	1	CQ754272	ACCESSION:CQ754272
1199	14.2	0.3	19	1	AX923864	ACCESSION:AX923864	1272	14.2	0.3	20	1	CQ758897	ACCESSION:CQ758897
1200	14.2	0.3	19	1	AX937164	ACCESSION:AX937164	1273	14.2	0.3	20	1	CQ759026	ACCESSION:CQ759026
1201	14.2	0.3	19	1	BD137736	ACCESSION:BD137736	1274	14.2	0.3	20	1	CQ759620	ACCESSION:CQ759620

C1275	14.2	0.3	20	1	CQ761468	ACCESSION: CQ761468	1348	14.2	0.3	20	1	AR314111	ACCESSION: AR314111
C1276	14.2	0.3	20	1	CQ761504	ACCESSION: CQ761504	C1349	14.2	0.3	20	1	AR315481	ACCESSION: AR315481
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C1280	14.2	0.3	20	1	CQ762582	ACCESSION: CQ762582	C1353	14.2	0.3	20	1	AR317579	ACCESSION: AR317579
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C1297	14.2	0.3	20	1	E113808	ACCESSION: E113808	C1370	14.2	0.3	20	1	AR475709	ACCESSION: AR475709
C1298	14.2	0.3	20	1	E113873	ACCESSION: E113873	C1371	14.2	0.3	20	1	AR475710	ACCESSION: AR475710
C1299	14.2	0.3	20	1	E117527	ACCESSION: E117527	C1372	14.2	0.3	20	1	AR475711	ACCESSION: AR475711
C1300	14.2	0.3	20	1	E117527	ACCESSION: E117527	C1373	14.2	0.3	20	1	AR475712	ACCESSION: AR475712
C1301	14.2	0.3	20	1	E133442	ACCESSION: E133442	C1374	14.2	0.3	20	1	AR475713	ACCESSION: AR475713
C1302	14.2	0.3	20	1	E13442	ACCESSION: E13442	C1375	14.2	0.3	20	1	AR475714	ACCESSION: AR475714
C1303	14.2	0.3	20	1	E149134	ACCESSION: E149134	C1376	14.2	0.3	20	1	AR475715	ACCESSION: AR475715
C1304	14.2	0.3	20	1	E160654	ACCESSION: E160654	C1377	14.2	0.3	20	1	AR475716	ACCESSION: AR475716
C1305	14.2	0.3	20	1	E172490	ACCESSION: E172490	C1378	14.2	0.3	20	1	AR475717	ACCESSION: AR475717
C1306	14.2	0.3	20	1	E172491	ACCESSION: E172491	C1379	14.2	0.3	20	1	AR475718	ACCESSION: AR475718
C1307	14.2	0.3	20	1	E187141	ACCESSION: E187141	C1380	14.2	0.3	20	1	AR475719	ACCESSION: AR475719
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C1310	14.2	0.3	20	1	E1901438	ACCESSION: E1901438	C1383	14.2	0.3	20	1	AR475722	ACCESSION: AR475722
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C1313	14.2	0.3	20	1	E1915787	ACCESSION: E1915787	C1386	14.2	0.3	20	1	AR475725	ACCESSION: AR475725
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C1315	14.2	0.3	20	1	E1916166	ACCESSION: E1916166	C1388	14.2	0.3	20	1	AR475727	ACCESSION: AR475727
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C1342	14.2	0.3	20	1	E19386052	ACCESSION: E19386052	C1415	14.2	0.3	20	1	AR475754	ACCESSION: AR475754
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1422	14.2	0.3	20	1	AX697533	ACCESION:AX697533
1423	14.2	0.3	20	1	AX698780	ACCESION:AX698780
1424	14.2	0.3	20	1	AX701129	ACCESION:AX701129
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1426	14.2	0.3	20	1	AX708764	ACCESION:AX708764
1427	14.2	0.3	20	1	AX720629	ACCESION:AX720629
1428	14.2	0.3	20	1	AX768018	ACCESION:AX768018
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1430	14.2	0.3	20	1	AX774425	ACCESION:AX774425
1431	14.2	0.3	20	1	AX785515	ACCESION:AX785515
1432	14.2	0.3	20	1	AX811478	ACCESION:AX811478
1433	14.2	0.3	20	1	AX938772	ACCESION:AX938772
1434	14.2	0.3	20	1	AX938842	ACCESION:AX938842
1435	14.2	0.3	20	1	AX955984	ACCESION:AX955984
1436	14.2	0.3	20	1	BD000538	ACCESION:BD000538
1437	14.2	0.3	20	1	BD006253	ACCESION:BD006253
1438	14.2	0.3	20	1	BD016028	ACCESION:BD016028
1439	14.2	0.3	20	1	BD016147	ACCESION:BD016147
1440	14.2	0.3	20	1	BD017299	ACCESION:BD017299
1441	14.2	0.3	20	1	BD070929	ACCESION:BD070929
1442	14.2	0.3	20	1	BD073147	ACCESION:BD073147
1443	14.2	0.3	20	1	BD075470	ACCESION:BD075470
1444	14.2	0.3	20	1	BD080759	ACCESION:BD080759
1445	14.2	0.3	20	1	BD082092	ACCESION:BD082092
1446	14.2	0.3	20	1	BD088191	ACCESION:BD088191
1447	14.2	0.3	20	1	BD089920	ACCESION:BD089920
1448	14.2	0.3	20	1	BD090219	ACCESION:BD090219
1449	14.2	0.3	20	1	BD091827	ACCESION:BD091827
1450	14.2	0.3	20	1	BD136925	ACCESION:BD136925
1451	14.2	0.3	20	1	BD141107	ACCESION:BD141107
1452	14.2	0.3	20	1	BD141810	ACCESION:BD141810
1453	14.2	0.3	20	1	BD172330	ACCESION:BD172330
1454	14.2	0.3	20	1	BD172649	ACCESION:BD172649
1455	14.2	0.3	20	1	BD172968	ACCESION:BD172968
1456	14.2	0.3	20	1	BD173287	ACCESION:BD173287
1457	14.2	0.3	20	1	BD174283	ACCESION:BD174283
1458	14.2	0.3	20	1	AB067982	ACCESION:AB067982
1459	14.2	0.3	20	1	AB069027	ACCESION:AB069027
1460	14.2	0.3	20	1	AB069625	ACCESION:AB069625
1461	14.2	0.3	20	1	ASE287234	ACCESION:ASE287234
1462	14.2	0.3	20	1	AX096888	ACCESION:AX096888
1463	14.2	0.3	21	1	AX361464	ACCESION:AX361464
1464	14.2	0.3	21	1	AX058360	ACCESION:AX058360
1465	14.2	0.3	21	1	AR014609	ACCESION:AR014609
1466	14.2	0.3	21	1	AR036159	ACCESION:AR036159
1467	14.2	0.3	21	1	AR084550	ACCESION:AR084550
1468	14.2	0.3	21	1	AR084555	ACCESION:AR084555
1469	14.2	0.3	21	1	AR084556	ACCESION:AR084556
1470	14.2	0.3	21	1	AR084560	ACCESION:AR084560
1471	14.2	0.3	21	1	AR084576	ACCESION:AR084576
1472	14.2	0.3	21	1	AR084593	ACCESION:AR084593
1473	14.2	0.3	21	1	AR084596	ACCESION:AR084596
1474	14.2	0.3	21	1	AR090008	ACCESION:AR090008
1475	14.2	0.3	21	1	AR130850	ACCESION:AR130850
1476	14.2	0.3	21	1	AR156417	ACCESION:AR156417
1477	14.2	0.3	21	1	AR156419	ACCESION:AR156419
1478	14.2	0.3	21	1	AR156419	ACCESION:AR156419
1479	14.2	0.3	21	1	AR156419	ACCESION:AR156419
1480	14.2	0.3	21	1	BD178401	ACCESION:BD178401
1481	14.2	0.3	21	1	BD244994	ACCESION:BD244994
1482	14.2	0.3	21	1	BD245034	ACCESION:BD245034
1483	14.2	0.3	21	1	BD266110	ACCESION:BD266110
1484	14.2	0.3	21	1	BD273488	ACCESION:BD273488
1485	14.2	0.3	21	1	CQ753266	ACCESION:CQ753266
1486	14.2	0.3	21	1	CQ768890	ACCESION:CQ768890
1487	14.2	0.3	21	1	CQ798316	ACCESION:CQ798316
1488	14.2	0.3	21	1	CQ812581	ACCESION:CQ812581
1489	14.2	0.3	21	1	CQ819507	ACCESION:CQ819507
1490	14.2	0.3	21	1	CQ821188	ACCESION:CQ821188
1491	14.2	0.3	21	1	CQ821570	ACCESION:CQ821570
1492	14.2	0.3	21	1	E35961	ACCESION:E35961
1493	14.2	0.3	21	1	I13019	ACCESION:I13019
1494	14.2	0.3	21	1	I26732	ACCESION:I26732
1495	14.2	0.3	21	1	I34328	ACCESION:I34328
1496	14.2	0.3	21	1	I71502	ACCESION:I71502
1497	14.2	0.3	21	1	AR180952	ACCESION:AR180952
1498	14.2	0.3	21	1	AR197043	ACCESION:AR197043
1499	14.2	0.3	21	1	AR207507	ACCESION:AR207507
1500	14.2	0.3	21	1	AR210305	ACCESION:AR210305
1501	14.2	0.3	21	1	AR212665	ACCESION:AR212665
1502	14.2	0.3	21	1	AR212794	ACCESION:AR212794
1503	14.2	0.3	21	1	AR222134	ACCESION:AR222134
1504	14.2	0.3	21	1	AR225630	ACCESION:AR225630
1505	14.2	0.3	21	1	AR235411	ACCESION:AR235411
1506	14.2	0.3	21	1	AR259197	ACCESION:AR259197
1507	14.2	0.3	21	1	AR280295	ACCESION:AR280295
1508	14.2	0.3	21	1	AR292263	ACCESION:AR292263
1509	14.2	0.3	21	1	AR295229	ACCESION:AR295229
1510	14.2	0.3	21	1	AR295739	ACCESION:AR295739
1511	14.2	0.3	21	1	AR298326	ACCESION:AR298326
1512	14.2	0.3	21	1	AR300478	ACCESION:AR300478
1513	14.2	0.3	21	1	AR307396	ACCESION:AR307396
1514	14.2	0.3	21	1	AR428755	ACCESION:AR428755
1515	14.2	0.3	21	1	AR442844	ACCESION:AR442844
1516	14.2	0.3	21	1	AR449262	ACCESION:AR449262
1517	14.2	0.3	21	1	AR449283	ACCESION:AR449283
1518	14.2	0.3	21	1	AR455942	ACCESION:AR455942
1519	14.2	0.3	21	1	AR024629	ACCESION:AR024629
1520	14.2	0.3	21	1	AX081702	ACCESION:AX081702
1521	14.2	0.3	21	1	AX095210	ACCESION:AX095210
1522	14.2	0.3	21	1	AX095217	ACCESION:AX095217
1523	14.2	0.3	21	1	AX095493	ACCESION:AX095493
1524	14.2	0.3	21	1	AX095681	ACCESION:AX095681
1525	14.2	0.3	21	1	AX096083	ACCESION:AX096083
1526	14.2	0.3	21	1	AX096100	ACCESION:AX096100
1527	14.2	0.3	21	1	AX096269	ACCESION:AX096269
1528	14.2	0.3	21	1	AX096297	ACCESION:AX096297
1529	14.2	0.3	21	1	AX096320	ACCESION:AX096320
1530	14.2	0.3	21	1	AX096475	ACCESION:AX096475
1531	14.2	0.3	21	1	AX096477	ACCESION:AX096477
1532	14.2	0.3	21	1	AX096499	ACCESION:AX096499
1533	14.2	0.3	21	1	AX096779	ACCESION:AX096779
1534	14.2	0.3	21	1	AX097306	ACCESION:AX097306
1535	14.2	0.3	21	1	AX101420	ACCESION:AX101420
1536	14.2	0.3	21	1	AX103937	ACCESION:AX103937
1537	14.2	0.3	21	1	AX103938	ACCESION:AX103938
1538	14.2	0.3	21	1	AX116010	ACCESION:AX116010
1539	14.2	0.3	21	1	AX145851	ACCESION:AX145851
1540	14.2	0.3	21	1	AX145943	ACCESION:AX145943
1541	14.2	0.3	21	1	AX146088	ACCESION:AX146088
1542	14.2	0.3	21	1	AX146231	ACCESION:AX146231
1543	14.2	0.3	21	1	AX191314	ACCESION:AX191314
1544	14.2	0.3	21	1	AX298764	ACCESION:AX298764
1545	14.2	0.3	21	1	AX300717	ACCESION:AX300717
1546	14.2	0.3	21	1	AX355199	ACCESION:AX355199
1547	14.2	0.3	21	1	AX355227	ACCESION:AX355227
1548	14.2	0.3	21	1	AX360169	ACCESION:AX360169
1549	14.2	0.3	21	1	AX394836	ACCESION:AX394836
1550	14.2	0.3	21	1	AX402733	ACCESION:AX402733
1551	14.2	0.3	21	1	AX404301	ACCESION:AX404301
1552	14.2	0.3	21	1	AX404302	ACCESION:AX404302
1553	14.2	0.3	21	1	AX404409	ACCESION:AX404409
1554	14.2	0.3	21	1	AX404410	ACCESION:AX404410
1555	14.2	0.3	21	1	AX404413	ACCESION:AX404413
1556	14.2	0.3	21	1	AX404414	ACCESION:AX404414
1557	14.2	0.3	21	1	AX418459	ACCESION:AX418459
1558	14.2	0.3	21	1	AX487992	ACCESION:AX487992
1559	14.2	0.3	21	1	AX539374	ACCESION:AX539374
1560	14.2	0.3	21	1	AX539375	ACCESION:AX539375
1561	14.2	0.3	21	1	AX546990	ACCESION:AX546990
1562	14.2	0.3	21	1	AX546991	ACCESION:AX546991
1563	14.2	0.3	21	1	AX553629	ACCESION:AX553629
1564	14.2	0.3	21	1	AX559058	ACCESION:AX559058
1565	14.2	0.3	21	1	AX611056	ACCESION:AX611056
1566	14.2	0.3	21	1	AX611057	ACCESION:AX611057

C1567	14.2	0.3	21	1	AX613898	ACCESSION:AX613898	1640	14	0.3	20	1	131781	ACCESSION:131781
1568	14.2	0.3	21	1	AX648149	ACCESSION:AX648149	1641	14	0.3	20	1	AR224566	ACCESSION:AR224566
C1569	14.2	0.3	21	1	AX663058	ACCESSION:AX663058	C1642	14	0.3	20	1	AR299466	ACCESSION:AR299466
1570	14.2	0.3	21	1	AX683811	ACCESSION:AX683811	1643	14	0.3	20	1	AR307966	ACCESSION:AR307966
1571	14.2	0.3	21	1	AX697386	ACCESSION:AX697386	C1644	14	0.3	20	1	AR316009	ACCESSION:AR316009
1572	14.2	0.3	21	1	AX706352	ACCESSION:AX706352	C1645	14	0.3	20	1	AR316206	ACCESSION:AR316206
C1573	14.2	0.3	21	1	AX706353	ACCESSION:AX706353	C1646	14	0.3	20	1	AR492362	ACCESSION:AR492362
1574	14.2	0.3	21	1	AX707282	ACCESSION:AX707282	1647	14	0.3	20	1	AX295122	ACCESSION:AX295122
C1575	14.2	0.3	21	1	AX707283	ACCESSION:AX707283	C1648	14	0.3	20	1	AX295630	ACCESSION:AX295630
1576	14.2	0.3	21	1	AX805235	ACCESSION:AX805235	C1649	14	0.3	20	1	AX613551	ACCESSION:AX613551
C1577	14.2	0.3	21	1	AX922848	ACCESSION:AX922848	C1650	14	0.3	20	1	AX814357	ACCESSION:AX814357
C1578	14.2	0.3	21	1	BD010401	ACCESSION:BD010401	1651	14	0.3	20	1	BD074612	ACCESSION:BD074612
1579	14.2	0.3	21	1	BD022504	ACCESSION:BD022504	C1652	14	0.3	21	1	AR138744	ACCESSION:AR138744
C1580	14.2	0.3	21	1	BD025505	ACCESSION:BD025505	C1653	14	0.3	21	1	AR298947	ACCESSION:AR298947
1581	14.2	0.3	21	1	BD056563	ACCESSION:BD056563	1654	14	0.3	21	1	AX096713	ACCESSION:AX096713
C1582	14.2	0.3	21	1	BD070825	ACCESSION:BD070825	C1655	14	0.3	21	1	AX096963	ACCESSION:AX096963
1583	14.2	0.3	21	1	BD088540	ACCESSION:BD088540	1656	14	0.3	21	1	AX097202	ACCESSION:AX097202
C1584	14.2	0.3	21	1	BD107304	ACCESSION:BD107304	1657	14	0.3	21	1	AX154483	ACCESSION:AX154483
1585	14.2	0.3	21	1	BD128641	ACCESSION:BD128641	C1658	14	0.3	21	1	AX466981	ACCESSION:AX466981
C1586	14.2	0.3	21	1	BD133215	ACCESSION:BD133215	1659	14	0.3	21	1	AX773444	ACCESSION:AX773444
C1587	14.2	0.3	21	1	BD133234	ACCESSION:BD133234	C1660	14	0.3	22	1	BD094599	ACCESSION:BD094599
C1588	14.2	0.3	21	1	BD133237	ACCESSION:BD133237	C1661	14	0.3	31	1	BD002941	ACCESSION:BD002941
1589	14.2	0.3	21	1	S68669	ACCESSION:S68669	C1662	14	0.3	32	1	AX002034	ACCESSION:AX002034
1590	14.2	0.3	21	1	AB069505	ACCESSION:AB069505	C1663	13.8	0.3	17	1	A97817	ACCESSION:A97817
1591	14	0.3	15	1	AR042871	ACCESSION:AR042871	C1664	13.8	0.3	17	1	AR023727	ACCESSION:AR023727
1592	14	0.3	15	1	AR042872	ACCESSION:AR042872	C1665	13.8	0.3	17	1	AR023745	ACCESSION:AR023745
1593	14	0.3	15	1	AR087516	ACCESSION:AR087516	C1666	13.8	0.3	17	1	AR026443	ACCESSION:AR026443
1594	14	0.3	15	1	AR087517	ACCESSION:AR087517	C1667	13.8	0.3	17	1	AR036970	ACCESSION:AR036970
1595	14	0.3	15	1	BD208590	ACCESSION:BD208590	1668	13.8	0.3	17	1	AR040229	ACCESSION:AR040229
1596	14	0.3	17	1	AR046832	ACCESSION:AR046832	1669	13.8	0.3	17	1	AR046644	ACCESSION:AR046644
C1597	14	0.3	17	1	BD2041276	ACCESSION:BD2041276	1670	13.8	0.3	17	1	AR046678	ACCESSION:AR046678
C1598	14	0.3	17	1	BD241401	ACCESSION:BD241401	C1671	13.8	0.3	17	1	AR171894	ACCESSION:AR171894
C1599	14	0.3	17	1	BD254423	ACCESSION:BD254423	C1672	13.8	0.3	17	1	BD198640	ACCESSION:BD198640
1600	14	0.3	17	1	BD255447	ACCESSION:BD255447	1673	13.8	0.3	17	1	BD200924	ACCESSION:BD200924
1601	14	0.3	17	1	BD255448	ACCESSION:BD255448	1674	13.8	0.3	17	1	BD201138	ACCESSION:BD201138
1602	14	0.3	17	1	CQ621662	ACCESSION:CQ621662	C1675	13.8	0.3	17	1	BD235053	ACCESSION:BD235053
1603	14	0.3	17	1	CQ621666	ACCESSION:CQ621666	1676	13.8	0.3	17	1	BD254877	ACCESSION:BD254877
1604	14	0.3	17	1	I53884	ACCESSION:I53884	1677	13.8	0.3	17	1	BD256682	ACCESSION:BD256682
1605	14	0.3	17	1	AR186861	ACCESSION:AR186861	1678	13.8	0.3	17	1	BD256683	ACCESSION:BD256683
1606	14	0.3	17	1	AR323492	ACCESSION:AR323492	1679	13.8	0.3	17	1	BD259394	ACCESSION:BD259394
1607	14	0.3	17	1	AR462725	ACCESSION:AR462725	1680	13.8	0.3	17	1	CQ615955	ACCESSION:CQ615955
1608	14	0.3	17	1	AR462729	ACCESSION:AR462729	1681	13.8	0.3	17	1	CQ615956	ACCESSION:CQ615956
C1609	14	0.3	17	1	AR482903	ACCESSION:AR482903	1682	13.8	0.3	17	1	CQ616603	ACCESSION:CQ616603
1610	14	0.3	17	1	AX722743	ACCESSION:AX722743	C1683	13.8	0.3	17	1	CQ616697	ACCESSION:CQ616697
1611	14	0.3	17	1	AX723035	ACCESSION:AX723035	1684	13.8	0.3	17	1	CQ616740	ACCESSION:CQ616740
1612	14	0.3	17	1	AX725729	ACCESSION:AX725729	C1685	13.8	0.3	17	1	CQ616942	ACCESSION:CQ616942
1613	14	0.3	17	1	AX759204	ACCESSION:AX759204	C1686	13.8	0.3	17	1	CQ621745	ACCESSION:CQ621745
C1614	14	0.3	17	1	BD104954	ACCESSION:BD104954	C1687	13.8	0.3	17	1	CQ622861	ACCESSION:CQ622861
1615	14	0.3	17	1	BD168179	ACCESSION:BD168179	C1688	13.8	0.3	17	1	CQ623035	ACCESSION:CQ623035
1616	14	0.3	18	1	AR034657	ACCESSION:AR034657	1689	13.8	0.3	17	1	CQ623054	ACCESSION:CQ623054
1617	14	0.3	18	1	AR095823	ACCESSION:AR095823	1690	13.8	0.3	17	1	CQ623405	ACCESSION:CQ623405
C1618	14	0.3	18	1	AR117278	ACCESSION:AR117278	C1691	13.8	0.3	17	1	CQ623460	ACCESSION:CQ623460
C1619	14	0.3	18	1	AR138012	ACCESSION:AR138012	1692	13.8	0.3	17	1	CQ625618	ACCESSION:CQ625618
C1620	14	0.3	18	1	BD226563	ACCESSION:BD226563	1693	13.8	0.3	17	1	CQ625709	ACCESSION:CQ625709
C1621	14	0.3	18	1	BD250468	ACCESSION:BD250468	1694	13.8	0.3	17	1	E55461	ACCESSION:E55461
1622	14	0.3	18	1	I29962	ACCESSION:I29962	C1695	13.8	0.3	17	1	I28579	ACCESSION:I28579
1623	14	0.3	18	1	AR257433	ACCESSION:AR257433	1696	13.8	0.3	17	1	I53696	ACCESSION:I53696
1624	14	0.3	18	1	AR269378	ACCESSION:AR269378	1697	13.8	0.3	17	1	I53730	ACCESSION:I53730
C1625	14	0.3	18	1	AR293843	ACCESSION:AR293843	C1698	13.8	0.3	17	1	I58741	ACCESSION:I58741
C1626	14	0.3	18	1	AX101065	ACCESSION:AX101065	1699	13.8	0.3	17	1	AR190500	ACCESSION:AR190500
1627	14	0.3	18	1	AX101067	ACCESSION:AX101067	1700	13.8	0.3	17	1	AR191738	ACCESSION:AR191738
C1628	14	0.3	18	1	AX587513	ACCESSION:AX587513	C1701	13.8	0.3	17	1	AR192379	ACCESSION:AR192379
C1629	14	0.3	18	1	AX796173	ACCESSION:AX796173	C1702	13.8	0.3	17	1	AR234810	ACCESSION:AR234810
1630	14	0.3	18	1	BD087167	ACCESSION:BD087167	1703	13.8	0.3	17	1	AR286096	ACCESSION:AR286096
1631	14	0.3	19	1	AX107471	ACCESSION:AX107471	1704	13.8	0.3	17	1	AR286463	ACCESSION:AR286463
1632	14	0.3	19	1	AX133377	ACCESSION:AX133377	1705	13.8	0.3	17	1	AR325423	ACCESSION:AR325423
1633	14	0.3	19	1	AX133378	ACCESSION:AX133378	1706	13.8	0.3	17	1	AR325638	ACCESSION:AR325638
C1634	14	0.3	20	1	AX938772	ACCESSION:AX938772	C1707	13.8	0.3	17	1	AR326248	ACCESSION:AR326248
1635	14	0.3	20	1	AR116455	ACCESSION:AR116455	1708	13.8	0.3	17	1	AR398086	ACCESSION:AR398086
1636	14	0.3	20	1	AR122519	ACCESSION:AR122519	1709	13.8	0.3	17	1	AR398453	ACCESSION:AR398453
1637	14	0.3	20	1	AR124455	ACCESSION:AR124455	C1710	13.8	0.3	17	1	AR402200	ACCESSION:AR402200
C1638	14	0.3	20	1	AR168622	ACCESSION:AR168622	1711	13.8	0.3	17	1	AR457018	ACCESSION:AR457018
1639	14	0.3	20	1	CQ789684	ACCESSION:CQ789684	1712	13.8	0.3	17	1	AR457019	ACCESSION:AR457019

1713	13.8	0.3	17	1	AR457666	ACCESION:AR457666
1714	13.8	0.3	17	1	AR457760	ACCESION:AR457760
1715	13.8	0.3	17	1	AR457803	ACCESION:AR457803
1716	13.8	0.3	17	1	AR458005	ACCESION:AR458005
1717	13.8	0.3	17	1	AR462808	ACCESION:AR462808
1718	13.8	0.3	17	1	AR463924	ACCESION:AR463924
1719	13.8	0.3	17	1	AR464098	ACCESION:AR464098
1720	13.8	0.3	17	1	AR464117	ACCESION:AR464117
1721	13.8	0.3	17	1	AR464468	ACCESION:AR464468
1722	13.8	0.3	17	1	AR464523	ACCESION:AR464523
1723	13.8	0.3	17	1	AR466681	ACCESION:AR466681
1724	13.8	0.3	17	1	AR466772	ACCESION:AR466772
1725	13.8	0.3	17	1	AR473984	ACCESION:AR473984
1726	13.8	0.3	17	1	AX009112	ACCESION:AX009112
1727	13.8	0.3	17	1	AX215112	ACCESION:AX215112
1728	13.8	0.3	17	1	AX215547	ACCESION:AX215547
1729	13.8	0.3	17	1	AX215980	ACCESION:AX215980
1730	13.8	0.3	17	1	AX217568	ACCESION:AX217568
1731	13.8	0.3	17	1	AX218164	ACCESION:AX218164
1732	13.8	0.3	17	1	AX227274	ACCESION:AX227274
1733	13.8	0.3	17	1	AX227469	ACCESION:AX227469
1734	13.8	0.3	17	1	AX227486	ACCESION:AX227486
1735	13.8	0.3	17	1	AX264515	ACCESION:AX264515
1736	13.8	0.3	17	1	AX264516	ACCESION:AX264516
1737	13.8	0.3	17	1	AX272998	ACCESION:AX272998
1738	13.8	0.3	17	1	AX325129	ACCESION:AX325129
1739	13.8	0.3	17	1	AX325130	ACCESION:AX325130
1740	13.8	0.3	17	1	AX325517	ACCESION:AX325517
1741	13.8	0.3	17	1	AX325518	ACCESION:AX325518
1742	13.8	0.3	17	1	AX325549	ACCESION:AX325549
1743	13.8	0.3	17	1	AX325550	ACCESION:AX325550
1744	13.8	0.3	17	1	AX383927	ACCESION:AX383927
1745	13.8	0.3	17	1	AX422119	ACCESION:AX422119
1746	13.8	0.3	17	1	AX423706	ACCESION:AX423706
1747	13.8	0.3	17	1	AX423773	ACCESION:AX423773
1748	13.8	0.3	17	1	AX428695	ACCESION:AX428695
1749	13.8	0.3	17	1	AX448323	ACCESION:AX448323
1750	13.8	0.3	17	1	AX475816	ACCESION:AX475816
1751	13.8	0.3	17	1	AX475817	ACCESION:AX475817
1752	13.8	0.3	17	1	AX475818	ACCESION:AX475818
1753	13.8	0.3	17	1	AX498917	ACCESION:AX498917
1754	13.8	0.3	17	1	AX498918	ACCESION:AX498918
1755	13.8	0.3	17	1	AX498919	ACCESION:AX498919
1756	13.8	0.3	17	1	AX499700	ACCESION:AX499700
1757	13.8	0.3	17	1	AX500033	ACCESION:AX500033
1758	13.8	0.3	17	1	AX500034	ACCESION:AX500034
1759	13.8	0.3	17	1	AX500036	ACCESION:AX500036
1760	13.8	0.3	17	1	AX530530	ACCESION:AX530530
1761	13.8	0.3	17	1	AX530720	ACCESION:AX530720
1762	13.8	0.3	17	1	AX531001	ACCESION:AX531001
1763	13.8	0.3	17	1	AX531003	ACCESION:AX531003
1764	13.8	0.3	17	1	AX531237	ACCESION:AX531237
1765	13.8	0.3	17	1	AX531572	ACCESION:AX531572
1766	13.8	0.3	17	1	AX531573	ACCESION:AX531573
1767	13.8	0.3	17	1	AX531574	ACCESION:AX531574
1768	13.8	0.3	17	1	AX531575	ACCESION:AX531575
1769	13.8	0.3	17	1	AX531691	ACCESION:AX531691
1770	13.8	0.3	17	1	AX531935	ACCESION:AX531935
1771	13.8	0.3	17	1	AX531938	ACCESION:AX531938
1772	13.8	0.3	17	1	AX531955	ACCESION:AX531955
1773	13.8	0.3	17	1	AX532140	ACCESION:AX532140
1774	13.8	0.3	17	1	AX532370	ACCESION:AX532370
1775	13.8	0.3	17	1	AX580134	ACCESION:AX580134
1776	13.8	0.3	17	1	AX648223	ACCESION:AX648223
1777	13.8	0.3	17	1	AX648758	ACCESION:AX648758
1778	13.8	0.3	17	1	AX673570	ACCESION:AX673570
1779	13.8	0.3	17	1	AX687780	ACCESION:AX687780
1780	13.8	0.3	17	1	AX688454	ACCESION:AX688454
1781	13.8	0.3	17	1	AX688654	ACCESION:AX688654
1782	13.8	0.3	17	1	AX688655	ACCESION:AX688655
1783	13.8	0.3	17	1	AX688790	ACCESION:AX688790
1784	13.8	0.3	17	1	AX690585	ACCESION:AX690585
1785	13.8	0.3	17	1	AX690586	ACCESION:AX690586
1786	13.8	0.3	17	1	AX692593	ACCESION:AX692593
1787	13.8	0.3	17	1	AX722598	ACCESION:AX722598
1788	13.8	0.3	17	1	AX722712	ACCESION:AX722712
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1791	13.8	0.3	17	1	AX727182	ACCESION:AX727182
1792	13.8	0.3	17	1	AX727402	ACCESION:AX727402
1793	13.8	0.3	17	1	AX727448	ACCESION:AX727448
1794	13.8	0.3	17	1	AX727992	ACCESION:AX727992
1795	13.8	0.3	17	1	AX728464	ACCESION:AX728464
1796	13.8	0.3	17	1	AX730797	ACCESION:AX730797
1797	13.8	0.3	17	1	AX730964	ACCESION:AX730964
1798	13.8	0.3	17	1	AX731661	ACCESION:AX731661
1799	13.8	0.3	17	1	AX733672	ACCESION:AX733672
1800	13.8	0.3	17	1	AX735005	ACCESION:AX735005
1801	13.8	0.3	17	1	AX737518	ACCESION:AX737518
1802	13.8	0.3	17	1	AX737730	ACCESION:AX737730
1803	13.8	0.3	17	1	AX737754	ACCESION:AX737754
1804	13.8	0.3	17	1	AX739235	ACCESION:AX739235
1805	13.8	0.3	17	1	AX744086	ACCESION:AX744086
1806	13.8	0.3	17	1	AX745093	ACCESION:AX745093
1807	13.8	0.3	17	1	AX759414	ACCESION:AX759414
1808	13.8	0.3	17	1	AX759760	ACCESION:AX759760
1809	13.8	0.3	17	1	AX761598	ACCESION:AX761598
1810	13.8	0.3	17	1	AX761756	ACCESION:AX761756
1811	13.8	0.3	17	1	AX762751	ACCESION:AX762751
1812	13.8	0.3	17	1	AX783521	ACCESION:AX783521
1813	13.8	0.3	17	1	AX783524	ACCESION:AX783524
1814	13.8	0.3	17	1	AX926726	ACCESION:AX926726
1815	13.8	0.3	17	1	BD067700	ACCESION:BD067700
1816	13.8	0.3	17	1	BD104621	ACCESION:BD104621
1817	13.8	0.3	18	1	A26385	ACCESION:A26385
1818	13.8	0.3	18	1	A26386	ACCESION:A26386
1819	13.8	0.3	18	1	A67594	ACCESION:A67594
1820	13.8	0.3	18	1	A67596	ACCESION:A67596
1821	13.8	0.3	18	1	A89489	ACCESION:A89489
1822	13.8	0.3	18	1	AR019554	ACCESION:AR019554
1823	13.8	0.3	18	1	AR019554	ACCESION:AR019554
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1859	13.8	0.3	18	1	AR198571	ACCESSION:AR198571	C1932	13.8	0.3	19	1	AX202547	ACCESSION:AX202547
C1860	13.8	0.3	18	1	AR199858	ACCESSION:AR199858	C1933	13.8	0.3	19	1	AX306402	ACCESSION:AX306402
C1861	13.8	0.3	18	1	AR211215	ACCESSION:AR211215	C1934	13.8	0.3	19	1	AX320115	ACCESSION:AX320115
C1862	13.8	0.3	18	1	AR217028	ACCESSION:AR217028	1935	13.8	0.3	19	1	AX329290	ACCESSION:AX329290
C1863	13.8	0.3	18	1	AR217736	ACCESSION:AR217736	C1936	13.8	0.3	19	1	AX352426	ACCESSION:AX352426
1864	13.8	0.3	18	1	AR274624	ACCESSION:AR274624	C1937	13.8	0.3	19	1	AX419646	ACCESSION:AX419646
C1865	13.8	0.3	18	1	AR274625	ACCESSION:AR274625	C1938	13.8	0.3	19	1	AX419902	ACCESSION:AX419902
1866	13.8	0.3	18	1	AR292554	ACCESSION:AR292554	C1939	13.8	0.3	19	1	AX454942	ACCESSION:AX454942
C1867	13.8	0.3	18	1	AR293668	ACCESSION:AR293668	C1940	13.8	0.3	19	1	AX482131	ACCESSION:AX482131
C1868	13.8	0.3	18	1	AR295498	ACCESSION:AR295498	C1941	13.8	0.3	19	1	AX503887	ACCESSION:AX503887
C1869	13.8	0.3	18	1	AR300267	ACCESSION:AR300267	C1942	13.8	0.3	19	1	AX511370	ACCESSION:AX511370
1870	13.8	0.3	18	1	AR316414	ACCESSION:AR316414	1943	13.8	0.3	19	1	AX598310	ACCESSION:AX598310
1871	13.8	0.3	18	1	AR326601	ACCESSION:AR326601	1944	13.8	0.3	19	1	AX598471	ACCESSION:AX598471
1872	13.8	0.3	18	1	AR336917	ACCESSION:AR336917	1945	13.8	0.3	19	1	AX643199	ACCESSION:AX643199
1873	13.8	0.3	18	1	AR350008	ACCESSION:AR350008	C1946	13.8	0.3	19	1	AX643202	ACCESSION:AX643202
C1874	13.8	0.3	18	1	AR382094	ACCESSION:AR382094	C1947	13.8	0.3	19	1	AX721731	ACCESSION:AX721731
C1875	13.8	0.3	18	1	AR405920	ACCESSION:AR405920	1948	13.8	0.3	19	1	AX770219	ACCESSION:AX770219
C1876	13.8	0.3	18	1	AR455053	ACCESSION:AR455053	1949	13.8	0.3	19	1	AX816478	ACCESSION:AX816478
C1877	13.8	0.3	18	1	AX117443	ACCESSION:AX117443	1950	13.8	0.3	19	1	BD023222	ACCESSION:BD023222
1878	13.8	0.3	18	1	AX133520	ACCESSION:AX133520	1951	13.8	0.3	19	1	BD064467	ACCESSION:BD064467
C1879	13.8	0.3	18	1	AX326867	ACCESSION:AX326867	1952	13.8	0.3	19	1	BD078662	ACCESSION:BD078662
1880	13.8	0.3	18	1	AX554983	ACCESSION:AX554983	C1953	13.8	0.3	19	1	BD083399	ACCESSION:BD083399
C1881	13.8	0.3	18	1	AX601095	ACCESSION:AX601095	C1954	13.8	0.3	19	1	BD089220	ACCESSION:BD089220
1882	13.8	0.3	18	1	AX708864	ACCESSION:AX708864	C1955	13.8	0.3	19	1	HSRTRP25	ACCESSION:HSRTRP25
C1883	13.8	0.3	18	1	AX751597	ACCESSION:AX751597	C1956	13.8	0.3	19	1	DOGTCTBA	ACCESSION:DOGTCTBA
C1884	13.8	0.3	18	1	AX804941	ACCESSION:AX804941	C1957	13.8	0.3	19	1	AB068053	ACCESSION:AB068053
1885	13.8	0.3	18	1	AX837967	ACCESSION:AX837967	C1958	13.8	0.3	19	1	AR131515	ACCESSION:AR131515
1886	13.8	0.3	18	1	BD005427	ACCESSION:BD005427	C1959	13.8	0.3	20	1	AR144092	ACCESSION:AR144092
1887	13.8	0.3	18	1	BD067002	ACCESSION:BD067002	C1960	13.8	0.3	20	1	AR199449	ACCESSION:AR199449
C1888	13.8	0.3	18	1	BD087192	ACCESSION:BD087192	C1961	13.8	0.3	20	1	AR200920	ACCESSION:AR200920
C1889	13.8	0.3	18	1	BD088161	ACCESSION:BD088161	C1962	13.8	0.3	20	1	AR488682	ACCESSION:AR488682
C1890	13.8	0.3	18	1	BD089944	ACCESSION:BD089944	C1963	13.8	0.3	20	1	AR488906	ACCESSION:AR488906
1891	13.8	0.3	18	1	BD144263	ACCESSION:BD144263	C1964	13.8	0.3	20	1	AX419671	ACCESSION:AX419671
C1892	13.8	0.3	18	1	AB068944	ACCESSION:AB068944	C1965	13.8	0.3	20	1	BD084933	ACCESSION:BD084933
1893	13.8	0.3	19	1	AR2396773	ACCESSION:AR2396773	1966	13.8	0.3	20	1	A23230	ACCESSION:A23230
C1894	13.8	0.3	19	1	AX2397771	ACCESSION:AX2397771	C1967	13.8	0.3	20	1	A31724	ACCESSION:A31724
C1895	13.8	0.3	19	1	A40075	ACCESSION:A40075	C1968	13.8	0.3	20	1	A45278	ACCESSION:A45278
1896	13.8	0.3	19	1	AR011915	ACCESSION:AR011915	C1969	13.8	0.3	20	1	A95828	ACCESSION:A95828
C1897	13.8	0.3	19	1	AR031033	ACCESSION:AR031033	1970	13.8	0.3	20	1	AR005166	ACCESSION:AR005166
1898	13.8	0.3	19	1	AR048772	ACCESSION:AR048772	C1971	13.8	0.3	20	1	AR026494	ACCESSION:AR026494
1899	13.8	0.3	19	1	AR051996	ACCESSION:AR051996	C1972	13.8	0.3	20	1	AR026559	ACCESSION:AR026559
1900	13.8	0.3	19	1	AR060403	ACCESSION:AR060403	C1973	13.8	0.3	20	1	AR032109	ACCESSION:AR032109
C1901	13.8	0.3	19	1	AR069236	ACCESSION:AR069236	1974	13.8	0.3	20	1	AR038376	ACCESSION:AR038376
1902	13.8	0.3	19	1	AR109208	ACCESSION:AR109208	1975	13.8	0.3	20	1	AR040862	ACCESSION:AR040862
C1903	13.8	0.3	19	1	AR110290	ACCESSION:AR110290	C1976	13.8	0.3	20	1	AR042863	ACCESSION:AR042863
1904	13.8	0.3	19	1	AR128961	ACCESSION:AR128961	1977	13.8	0.3	20	1	AR055037	ACCESSION:AR055037
C1905	13.8	0.3	19	1	BD226642	ACCESSION:BD226642	1978	13.8	0.3	20	1	AR068394	ACCESSION:AR068394
C1906	13.8	0.3	19	1	BD230547	ACCESSION:BD230547	1979	13.8	0.3	20	1	AR070812	ACCESSION:AR070812
1907	13.8	0.3	19	1	BD230584	ACCESSION:BD230584	C1980	13.8	0.3	20	1	AR073322	ACCESSION:AR073322
1908	13.8	0.3	19	1	E04836	ACCESSION:E04836	C1981	13.8	0.3	20	1	AR075417	ACCESSION:AR075417
C1909	13.8	0.3	19	1	E06866	ACCESSION:E06866	C1982	13.8	0.3	20	1	AR077018	ACCESSION:AR077018
C1910	13.8	0.3	19	1	E07047	ACCESSION:E07047	1983	13.8	0.3	20	1	AR077020	ACCESSION:AR077020
1911	13.8	0.3	19	1	E07071	ACCESSION:E07071	C1984	13.8	0.3	20	1	AR080744	ACCESSION:AR080744
C1912	13.8	0.3	19	1	E13617	ACCESSION:E13617	C1985	13.8	0.3	20	1	AR082237	ACCESSION:AR082237
C1913	13.8	0.3	19	1	I43000	ACCESSION:I43000	C1986	13.8	0.3	20	1	AR082244	ACCESSION:AR082244
C1914	13.8	0.3	19	1	I73730	ACCESSION:I73730	C1987	13.8	0.3	20	1	AR084305	ACCESSION:AR084305
C1915	13.8	0.3	19	1	I77125	ACCESSION:I77125	C1988	13.8	0.3	20	1	AR088465	ACCESSION:AR088465
C1916	13.8	0.3	19	1	AR225043	ACCESSION:AR225043	1989	13.8	0.3	20	1	AR092339	ACCESSION:AR092339
C1917	13.8	0.3	19	1	AR235529	ACCESSION:AR235529	C1990	13.8	0.3	20	1	AR092382	ACCESSION:AR092382
C1918	13.8	0.3	19	1	AR258708	ACCESSION:AR258708	C1991	13.8	0.3	20	1	AR092878	ACCESSION:AR092878
C1919	13.8	0.3	19	1	AR293259	ACCESSION:AR293259	1992	13.8	0.3	20	1	AR098944	ACCESSION:AR098944
1920	13.8	0.3	19	1	AR298291	ACCESSION:AR298291	C1993	13.8	0.3	20	1	AR099828	ACCESSION:AR099828
1921	13.8	0.3	19	1	AR304135	ACCESSION:AR304135	1994	13.8	0.3	20	1	AR099830	ACCESSION:AR099830
1922	13.8	0.3	19	1	AR317239	ACCESSION:AR317239	1995	13.8	0.3	20	1	AR104500	ACCESSION:AR104500
1923	13.8	0.3	19	1	AR332116	ACCESSION:AR332116	C1996	13.8	0.3	20	1	AR116258	ACCESSION:AR116258
1924	13.8	0.3	19	1	AR431971	ACCESSION:AR431971	1997	13.8	0.3	20	1	AR116438	ACCESSION:AR116438
C1925	13.8	0.3	19	1	AR443039	ACCESSION:AR443039	C1998	13.8	0.3	20	1	AR117640	ACCESSION:AR117640
1926	13.8	0.3	19	1	AR453339	ACCESSION:AR453339	C1999	13.8	0.3	20	1	AR117724	ACCESSION:AR117724
1927	13.8	0.3	19	1	AR454808	ACCESSION:AR454808	2000	13.8	0.3	20	1	AR119270	ACCESSION:AR119270
1928	13.8	0.3	19	1	AX130249	ACCESSION:AX130249	C2001	13.8	0.3	20	1	AR120779	ACCESSION:AR120779
1929	13.8	0.3	19	1	AX130578	ACCESSION:AX130578	C2002	13.8	0.3	20	1	AR120786	ACCESSION:AR120786
C1930	13.8	0.3	19	1	AX130697	ACCESSION:AX130697	C2003	13.8	0.3	20	1	AR122524	ACCESSION:AR122524
1931	13.8	0.3	19	1	AX201505	ACCESSION:AX201505	2004	13.8	0.3	20	1	AR123092	ACCESSION:AR123092



C2005	13.8	0.3	20	1	AR12657	ACCESSION:AR12657	C2078	13.8	0.3	20	1	I78283	ACCESSION:I78283
C2006	13.8	0.3	20	1	AR126733	ACCESSION:AR126733	C2079	13.8	0.3	20	1	I78290	ACCESSION:I78290
C2007	13.8	0.3	20	1	AR128007	ACCESSION:AR128007	C2080	13.8	0.3	20	1	I79718	ACCESSION:I79718
C2008	13.8	0.3	20	1	AR130135	ACCESSION:AR130135	C2081	13.8	0.3	20	1	I79784	ACCESSION:I79784
2009	13.8	0.3	20	1	AR130157	ACCESSION:AR130157	C2082	13.8	0.3	20	1	I88894	ACCESSION:I88894
C2010	13.8	0.3	20	1	AR137287	ACCESSION:AR137287	C2083	13.8	0.3	20	1	AR208868	ACCESSION:AR208868
C2011	13.8	0.3	20	1	AR142095	ACCESSION:AR142095	C2084	13.8	0.3	20	1	AR210776	ACCESSION:AR210776
C2012	13.8	0.3	20	1	AR143128	ACCESSION:AR143128	C2085	13.8	0.3	20	1	AR211300	ACCESSION:AR211300
2013	13.8	0.3	20	1	AR150352	ACCESSION:AR150352	C2086	13.8	0.3	20	1	AR215926	ACCESSION:AR215926
C2014	13.8	0.3	20	1	AR151420	ACCESSION:AR151420	C2087	13.8	0.3	20	1	AR217900	ACCESSION:AR217900
C2015	13.8	0.3	20	1	AR153794	ACCESSION:AR153794	2088	13.8	0.3	20	1	AR218688	ACCESSION:AR218688
C2016	13.8	0.3	20	1	AR156286	ACCESSION:AR156286	2089	13.8	0.3	20	1	AR219934	ACCESSION:AR219934
C2017	13.8	0.3	20	1	AR157413	ACCESSION:AR157413	C2090	13.8	0.3	20	1	AR219935	ACCESSION:AR219935
C2018	13.8	0.3	20	1	AR162447	ACCESSION:AR162447	2091	13.8	0.3	20	1	AR223103	ACCESSION:AR223103
C2019	13.8	0.3	20	1	AR162727	ACCESSION:AR162727	2092	13.8	0.3	20	1	AR225978	ACCESSION:AR225978
C2020	13.8	0.3	20	1	AR163989	ACCESSION:AR163989	2093	13.8	0.3	20	1	AR229023	ACCESSION:AR229023
2021	13.8	0.3	20	1	AR164724	ACCESSION:AR164724	2094	13.8	0.3	20	1	AR229865	ACCESSION:AR229865
C2022	13.8	0.3	20	1	AR167615	ACCESSION:AR167615	C2095	13.8	0.3	20	1	AR230854	ACCESSION:AR230854
C2023	13.8	0.3	20	1	AR173022	ACCESSION:AR173022	2096	13.8	0.3	20	1	AR233468	ACCESSION:AR233468
2024	13.8	0.3	20	1	AR178112	ACCESSION:AR178112	2097	13.8	0.3	20	1	AR233566	ACCESSION:AR233566
C2025	13.8	0.3	20	1	BD195114	ACCESSION:BD195114	2098	13.8	0.3	20	1	AR262121	ACCESSION:AR262121
C2026	13.8	0.3	20	1	BD206091	ACCESSION:BD206091	2099	13.8	0.3	20	1	AR268280	ACCESSION:AR268280
C2027	13.8	0.3	20	1	BD211110	ACCESSION:BD211110	C2100	13.8	0.3	20	1	AR268487	ACCESSION:AR268487
2028	13.8	0.3	20	1	BD222835	ACCESSION:BD222835	C2101	13.8	0.3	20	1	AR268620	ACCESSION:AR268620
C2029	13.8	0.3	20	1	BD225078	ACCESSION:BD225078	C2102	13.8	0.3	20	1	AR268639	ACCESSION:AR268639
C2030	13.8	0.3	20	1	BD225828	ACCESSION:BD225828	C2103	13.8	0.3	20	1	AR272035	ACCESSION:AR272035
C2031	13.8	0.3	20	1	BD225831	ACCESSION:BD225831	C2104	13.8	0.3	20	1	AR272177	ACCESSION:AR272177
C2032	13.8	0.3	20	1	BD226850	ACCESSION:BD226850	2105	13.8	0.3	20	1	AR292300	ACCESSION:AR292300
C2033	13.8	0.3	20	1	BD227787	ACCESSION:BD227787	C2106	13.8	0.3	20	1	AR293861	ACCESSION:AR293861
2034	13.8	0.3	20	1	BD228225	ACCESSION:BD228225	C2107	13.8	0.3	20	1	AR297553	ACCESSION:AR297553
C2035	13.8	0.3	20	1	BD231270	ACCESSION:BD231270	2108	13.8	0.3	20	1	AR311174	ACCESSION:AR311174
2036	13.8	0.3	20	1	BD248785	ACCESSION:BD248785	C2109	13.8	0.3	20	1	AR312614	ACCESSION:AR312614
C2037	13.8	0.3	20	1	BD249303	ACCESSION:BD249303	C2110	13.8	0.3	20	1	AR315473	ACCESSION:AR315473
C2038	13.8	0.3	20	1	BD262911	ACCESSION:BD262911	2111	13.8	0.3	20	1	AR315778	ACCESSION:AR315778
C2039	13.8	0.3	20	1	CQ762294	ACCESSION:CQ762294	C2112	13.8	0.3	20	1	AR316705	ACCESSION:AR316705
C2040	13.8	0.3	20	1	CQ762903	ACCESSION:CQ762903	2113	13.8	0.3	20	1	AR321598	ACCESSION:AR321598
C2041	13.8	0.3	20	1	CQ763423	ACCESSION:CQ763423	C2114	13.8	0.3	20	1	AR337063	ACCESSION:AR337063
C2042	13.8	0.3	20	1	CQ763576	ACCESSION:CQ763576	C2115	13.8	0.3	20	1	AR338302	ACCESSION:AR338302
2043	13.8	0.3	20	1	CQ763744	ACCESSION:CQ763744	2116	13.8	0.3	20	1	AR344559	ACCESSION:AR344559
2044	13.8	0.3	20	1	CQ764055	ACCESSION:CQ764055	C2117	13.8	0.3	20	1	AR353290	ACCESSION:AR353290
C2045	13.8	0.3	20	1	CQ767077	ACCESSION:CQ767077	C2118	13.8	0.3	20	1	AR361732	ACCESSION:AR361732
C2046	13.8	0.3	20	1	CQ770344	ACCESSION:CQ770344	C2119	13.8	0.3	20	1	AR362337	ACCESSION:AR362337
C2047	13.8	0.3	20	1	CQ784191	ACCESSION:CQ784191	C2120	13.8	0.3	20	1	AR371205	ACCESSION:AR371205
C2048	13.8	0.3	20	1	CQ784273	ACCESSION:CQ784273	C2121	13.8	0.3	20	1	AR373470	ACCESSION:AR373470
2049	13.8	0.3	20	1	CQ786628	ACCESSION:CQ786628	C2122	13.8	0.3	20	1	AR373691	ACCESSION:AR373691
2050	13.8	0.3	20	1	CQ786629	ACCESSION:CQ786629	2123	13.8	0.3	20	1	AR407895	ACCESSION:AR407895
2051	13.8	0.3	20	1	CQ786630	ACCESSION:CQ786630	C2124	13.8	0.3	20	1	AR430265	ACCESSION:AR430265
2052	13.8	0.3	20	1	CQ803561	ACCESSION:CQ803561	C2125	13.8	0.3	20	1	AR432232	ACCESSION:AR432232
C2053	13.8	0.3	20	1	CQ830232	ACCESSION:CQ830232	2126	13.8	0.3	20	1	AR432321	ACCESSION:AR432321
C2054	13.8	0.3	20	1	ED03971	ACCESSION:ED03971	C2127	13.8	0.3	20	1	AR437081	ACCESSION:AR437081
C2055	13.8	0.3	20	1	ED05617	ACCESSION:ED05617	C2128	13.8	0.3	20	1	AR442601	ACCESSION:AR442601
C2056	13.8	0.3	20	1	ED15979	ACCESSION:ED15979	C2129	13.8	0.3	20	1	AR444829	ACCESSION:AR444829
2057	13.8	0.3	20	1	ED16974	ACCESSION:ED16974	2130	13.8	0.3	20	1	AR456166	ACCESSION:AR456166
C2058	13.8	0.3	20	1	ED17267	ACCESSION:ED17267	2131	13.8	0.3	20	1	AR475572	ACCESSION:AR475572
C2059	13.8	0.3	20	1	ED17268	ACCESSION:ED17268	C2132	13.8	0.3	20	1	AR475600	ACCESSION:AR475600
C2060	13.8	0.3	20	1	ED23787	ACCESSION:ED23787	C2133	13.8	0.3	20	1	AR490932	ACCESSION:AR490932
C2061	13.8	0.3	20	1	ED31539	ACCESSION:ED31539	2134	13.8	0.3	20	1	AR493296	ACCESSION:AR493296
2062	13.8	0.3	20	1	ED36213	ACCESSION:ED36213	C2135	13.8	0.3	20	1	AX008785	ACCESSION:AX008785
C2063	13.8	0.3	20	1	ED36588	ACCESSION:ED36588	C2136	13.8	0.3	20	1	AX019577	ACCESSION:AX019577
2064	13.8	0.3	20	1	ED40670	ACCESSION:ED40670	C2137	13.8	0.3	20	1	AX019580	ACCESSION:AX019580
C2065	13.8	0.3	20	1	ED47134	ACCESSION:ED47134	C2138	13.8	0.3	20	1	AX033897	ACCESSION:AX033897
2066	13.8	0.3	20	1	ED4735	ACCESSION:ED4735	C2139	13.8	0.3	20	1	AX037409	ACCESSION:AX037409
2067	13.8	0.3	20	1	ED4735	ACCESSION:ED4735	2140	13.8	0.3	20	1	AX116439	ACCESSION:AX116439
C2068	13.8	0.3	20	1	ED4735	ACCESSION:ED4735	2141	13.8	0.3	20	1	AX137643	ACCESSION:AX137643
2069	13.8	0.3	20	1	ED4735	ACCESSION:ED4735	2142	13.8	0.3	20	1	AX148951	ACCESSION:AX148951
C2070	13.8	0.3	20	1	ED4735	ACCESSION:ED4735	2143	13.8	0.3	20	1	AX148952	ACCESSION:AX148952
C2071	13.8	0.3	20	1	ED4735	ACCESSION:ED4735	C2144	13.8	0.3	20	1	AX156450	ACCESSION:AX156450
C2072	13.8	0.3	20	1	ED4735	ACCESSION:ED4735	C2145	13.8	0.3	20	1	AX167947	ACCESSION:AX167947
2073	13.8	0.3	20	1	ED4735	ACCESSION:ED4735	2146	13.8	0.3	20	1	AX180386	ACCESSION:AX180386
C2074	13.8	0.3	20	1	ED4735	ACCESSION:ED4735	2147	13.8	0.3	20	1	AX293160	ACCESSION:AX293160
2075	13.8	0.3	20	1	ED4735	ACCESSION:ED4735	C2148	13.8	0.3	20	1	AX293415	ACCESSION:AX293415
2076	13.8	0.3	20	1	ED4735	ACCESSION:ED4735	2149	13.8	0.3	20	1	AX294875	ACCESSION:AX294875
2077	13.8	0.3	20	1	ED4735	ACCESSION:ED4735	2150	13.8	0.3	20	1	AX296029	ACCESSION:AX296029

C2151	13.8	0.3	20	1	AX296679	ACCESSION:AX296679	2224	13.8	0.3	21	1	AR117340	ACCESSION:AR117340
2152	13.8	0.3	20	1	AX300955	ACCESSION:AX300955	C2225	13.8	0.3	21	1	AR119538	ACCESSION:AR119538
C2153	13.8	0.3	20	1	AX306819	ACCESSION:AX306819	C2226	13.8	0.3	21	1	AR130446	ACCESSION:AR130446
C2154	13.8	0.3	20	1	AX326946	ACCESSION:AX326946	C2227	13.8	0.3	21	1	AR139576	ACCESSION:AR139576
2155	13.8	0.3	20	1	AX364596	ACCESSION:AX364596	C2228	13.8	0.3	21	1	AR142111	ACCESSION:AR142111
C2156	13.8	0.3	20	1	AX374664	ACCESSION:AX374664	C2229	13.8	0.3	21	1	AR142722	ACCESSION:AR142722
2157	13.8	0.3	20	1	AX384040	ACCESSION:AX384040	C2230	13.8	0.3	21	1	AR148290	ACCESSION:AR148290
C2158	13.8	0.3	20	1	AX391901	ACCESSION:AX391901	C2231	13.8	0.3	21	1	AR166275	ACCESSION:AR166275
C2159	13.8	0.3	20	1	AX406776	ACCESSION:AX406776	C2232	13.8	0.3	21	1	AR178575	ACCESSION:AR178575
C2160	13.8	0.3	20	1	AX418688	ACCESSION:AX418688	C2233	13.8	0.3	21	1	BD175150	ACCESSION:BD175150
2161	13.8	0.3	20	1	AX449541	ACCESSION:AX449541	C2234	13.8	0.3	21	1	BD217355	ACCESSION:BD217355
2162	13.8	0.3	20	1	AX455653	ACCESSION:AX455653	C2235	13.8	0.3	21	1	BD223665	ACCESSION:BD223665
2163	13.8	0.3	20	1	AX455654	ACCESSION:AX455654	C2236	13.8	0.3	21	1	CQ786151	ACCESSION:CQ786151
C2164	13.8	0.3	20	1	AX467956	ACCESSION:AX467956	C2237	13.8	0.3	21	1	CQ794988	ACCESSION:CQ794988
C2165	13.8	0.3	20	1	AX527796	ACCESSION:AX527796	C2238	13.8	0.3	21	1	CQ799934	ACCESSION:CQ799934
2166	13.8	0.3	20	1	AX531788	ACCESSION:AX531788	C2239	13.8	0.3	21	1	CQ802496	ACCESSION:CQ802496
C2167	13.8	0.3	20	1	AX551631	ACCESSION:AX551631	C2240	13.8	0.3	21	1	CQ821203	ACCESSION:CQ821203
C2168	13.8	0.3	20	1	AX565534	ACCESSION:AX565534	C2241	13.8	0.3	21	1	CQ826939	ACCESSION:CQ826939
C2169	13.8	0.3	20	1	AX573369	ACCESSION:AX573369	C2242	13.8	0.3	21	1	CQ829198	ACCESSION:CQ829198
2170	13.8	0.3	20	1	AX613665	ACCESSION:AX613665	C2243	13.8	0.3	21	1	E11470	ACCESSION:E11470
C2171	13.8	0.3	20	1	AX62974	ACCESSION:AX62974	C2244	13.8	0.3	21	1	I04254	ACCESSION:I04254
C2172	13.8	0.3	20	1	AX683782	ACCESSION:AX683782	C2245	13.8	0.3	21	1	I05021	ACCESSION:I05021
C2173	13.8	0.3	20	1	AX703293	ACCESSION:AX703293	C2246	13.8	0.3	21	1	I26448	ACCESSION:I26448
2175	13.8	0.3	20	1	AX708688	ACCESSION:AX708688	C2247	13.8	0.3	21	1	I26451	ACCESSION:I26451
C2176	13.8	0.3	20	1	AX75657	ACCESSION:AX75657	C2248	13.8	0.3	21	1	I28978	ACCESSION:I28978
C2177	13.8	0.3	20	1	AX766042	ACCESSION:AX766042	C2249	13.8	0.3	21	1	I31654	ACCESSION:I31654
C2178	13.8	0.3	20	1	AX786803	ACCESSION:AX786803	C2250	13.8	0.3	21	1	I33064	ACCESSION:I33064
2179	13.8	0.3	20	1	AX797277	ACCESSION:AX797277	C2251	13.8	0.3	21	1	AR201423	ACCESSION:AR201423
2180	13.8	0.3	20	1	AX800518	ACCESSION:AX800518	C2252	13.8	0.3	21	1	AR207379	ACCESSION:AR207379
2181	13.8	0.3	20	1	AX803709	ACCESSION:AX803709	C2253	13.8	0.3	21	1	AR213933	ACCESSION:AR213933
C2182	13.8	0.3	20	1	AX805200	ACCESSION:AX805200	C2254	13.8	0.3	21	1	AR231462	ACCESSION:AR231462
2183	13.8	0.3	20	1	AX813350	ACCESSION:AX813350	C2255	13.8	0.3	21	1	AR296253	ACCESSION:AR296253
2184	13.8	0.3	20	1	AX813351	ACCESSION:AX813351	C2256	13.8	0.3	21	1	AR297928	ACCESSION:AR297928
2185	13.8	0.3	20	1	AX813352	ACCESSION:AX813352	C2257	13.8	0.3	21	1	AR298752	ACCESSION:AR298752
2186	13.8	0.3	20	1	AX817775	ACCESSION:AX817775	C2258	13.8	0.3	21	1	AR298972	ACCESSION:AR298972
C2187	13.8	0.3	20	1	AX922574	ACCESSION:AX922574	C2259	13.8	0.3	21	1	AR299145	ACCESSION:AR299145
C2188	13.8	0.3	20	1	AX925593	ACCESSION:AX925593	C2260	13.8	0.3	21	1	AR299974	ACCESSION:AR299974
2189	13.8	0.3	20	1	AX937980	ACCESSION:AX937980	C2261	13.8	0.3	21	1	AR306776	ACCESSION:AR306776
2190	13.8	0.3	20	1	BD070605	ACCESSION:BD070605	C2262	13.8	0.3	21	1	AR407893	ACCESSION:AR407893
2191	13.8	0.3	20	1	BD074595	ACCESSION:BD074595	C2263	13.8	0.3	21	1	AR410566	ACCESSION:AR410566
C2192	13.8	0.3	20	1	BD075161	ACCESSION:BD075161	C2264	13.8	0.3	21	1	AR439725	ACCESSION:AR439725
C2193	13.8	0.3	20	1	BD088739	ACCESSION:BD088739	C2265	13.8	0.3	21	1	AR455445	ACCESSION:AR455445
2194	13.8	0.3	20	1	BD089998	ACCESSION:BD089998	C2266	13.8	0.3	21	1	AR455446	ACCESSION:AR455446
C2195	13.8	0.3	20	1	BD091208	ACCESSION:BD091208	C2267	13.8	0.3	21	1	AR477521	ACCESSION:AR477521
2196	13.8	0.3	20	1	BD105800	ACCESSION:BD105800	C2268	13.8	0.3	21	1	AR490978	ACCESSION:AR490978
C2197	13.8	0.3	20	1	BD106453	ACCESSION:BD106453	C2269	13.8	0.3	21	1	AR492542	ACCESSION:AR492542
2198	13.8	0.3	20	1	BD123679	ACCESSION:BD123679	C2270	13.8	0.3	21	1	AR492543	ACCESSION:AR492543
C2199	13.8	0.3	20	1	BD128115	ACCESSION:BD128115	C2271	13.8	0.3	21	1	AR492546	ACCESSION:AR492546
C2200	13.8	0.3	20	1	BD128197	ACCESSION:BD128197	C2272	13.8	0.3	21	1	AR492552	ACCESSION:AR492552
2201	13.8	0.3	20	1	BD174239	ACCESSION:BD174239	C2273	13.8	0.3	21	1	AR492553	ACCESSION:AR492553
C2202	13.8	0.3	20	1	BD174243	ACCESSION:BD174243	C2274	13.8	0.3	21	1	AR492556	ACCESSION:AR492556
2203	13.8	0.3	20	1	AB067882	ACCESSION:AB067882	C2275	13.8	0.3	21	1	AX094935	ACCESSION:AX094935
C2204	13.8	0.3	20	1	ASE010536	ACCESSION:ASE010536	C2276	13.8	0.3	21	1	AX094956	ACCESSION:AX094956
2205	13.8	0.3	20	1	ASE011064	ACCESSION:ASE011064	C2277	13.8	0.3	21	1	AX095123	ACCESSION:AX095123
C2206	13.8	0.3	20	1	ASE011064	ACCESSION:ASE011064	C2278	13.8	0.3	21	1	AX095515	ACCESSION:AX095515
2207	13.8	0.3	21	1	A17774	ACCESSION:A17774	C2279	13.8	0.3	21	1	AX095833	ACCESSION:AX095833
C2208	13.8	0.3	21	1	A44832	ACCESSION:A44832	C2280	13.8	0.3	21	1	AX095982	ACCESSION:AX095982
C2209	13.8	0.3	21	1	A71410	ACCESSION:A71410	C2281	13.8	0.3	21	1	AX096187	ACCESSION:AX096187
2210	13.8	0.3	21	1	AR016090	ACCESSION:AR016090	C2282	13.8	0.3	21	1	AX096346	ACCESSION:AX096346
C2211	13.8	0.3	21	1	AR027378	ACCESSION:AR027378	C2283	13.8	0.3	21	1	AX096680	ACCESSION:AX096680
C2212	13.8	0.3	21	1	AR028832	ACCESSION:AR028832	C2284	13.8	0.3	21	1	AX096967	ACCESSION:AX096967
C2213	13.8	0.3	21	1	AR028931	ACCESSION:AR028931	C2285	13.8	0.3	21	1	AX104472	ACCESSION:AX104472
C2214	13.8	0.3	21	1	AR031126	ACCESSION:AR031126	C2286	13.8	0.3	21	1	AX148012	ACCESSION:AX148012
C2215	13.8	0.3	21	1	AR034369	ACCESSION:AR034369	C2287	13.8	0.3	21	1	AX154219	ACCESSION:AX154219
2216	13.8	0.3	21	1	AR036605	ACCESSION:AR036605	C2288	13.8	0.3	21	1	AX154426	ACCESSION:AX154426
2217	13.8	0.3	21	1	AR037907	ACCESSION:AR037907	C2289	13.8	0.3	21	1	AX154225	ACCESSION:AX154225
2218	13.8	0.3	21	1	AR065074	ACCESSION:AR065074	C2290	13.8	0.3	21	1	AX268962	ACCESSION:AX268962
2219	13.8	0.3	21	1	AR072337	ACCESSION:AR072337	C2291	13.8	0.3	21	1	AX297605	ACCESSION:AX297605
C2220	13.8	0.3	21	1	AR072340	ACCESSION:AR072340	C2292	13.8	0.3	21	1	AX355239	ACCESSION:AX355239
2221	13.8	0.3	21	1	AR079625	ACCESSION:AR079625	C2293	13.8	0.3	21	1	AX378664	ACCESSION:AX378664
2222	13.8	0.3	21	1	AR102380	ACCESSION:AR102380	C2294	13.8	0.3	21	1	AX440536	ACCESSION:AX440536
C2223	13.8	0.3	21	1	AR109848	ACCESSION:AR109848	C2295	13.8	0.3	21	1	AX463183	ACCESSION:AX463183
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PD 12-SEP-2000  
PR 27-JAN-2000 JP 2000019392  
PI NIRA SHA, JANET WALINGTON, NIRA PATEL  
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/db\_xref="taxon:32644"

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Query Match 0.6%; Score 30.6; DB 1; Length 31;  
Best Local Similarity 96.8%; Pred. No. 1.3;  
Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1313 GACAGCCTGTGTCATCATTAAGACAG 1343  
|||||  
DB 1 GACAGCCTGTGTCATCATTAAGACAG 31

RESULT 4  
LOCUS BD002936 31 bp DNA linear PAT 31-JAN-2002  
DEFINITION Gene composition and method.  
ACCESSION BD002936  
VERSION BD002936.1 GI:18630897  
KEYWORDS JP 2000245487-A/602.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 31)  
AUTHORS Sha, N., Walington, J. and Patel, N.  
TITLE Gene composition and method  
JOURNAL Patent: JP 2000245487-A 602 12-SEP-2000;  
AFIMETRIS INC  
COMMENT OS Unknown  
PN JP 2000245487-A/602  
PD 12-SEP-2000  
PR 27-JAN-2000 JP 2000019392  
PI NIRA SHA, JANET WALINGTON, NIRA PATEL  
PC C12N15/09, C12Q1/68, C12N15/00  
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FH Key  
FT source  
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FEATURES  
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Query Match 0.6%; Score 30.6; DB 1; Length 31;  
Best Local Similarity 96.8%; Pred. No. 1.3;  
Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1535 GAAATCTGACGCTCAATTAAGTCACAGAAA 1565  
|||||  
DB 1 GAAATCTGACGCTCAATTAAGTCACAGAAA 31

RESULT 5  
LOCUS BD002937 31 bp DNA linear PAT 31-JAN-2002  
DEFINITION Gene composition and method.  
ACCESSION BD002937  
VERSION BD002937.1 GI:18630898  
KEYWORDS JP 2000245487-A/603.  
SOURCE unidentified

ORGANISM unidentified  
REFERENCE 1 (bases 1 to 31)  
AUTHORS Sha, N., Walington, J. and Patel, N.  
TITLE Gene composition and method  
JOURNAL Patent: JP 2000245487-A 603 12-SEP-2000;  
AFIMETRIS INC  
COMMENT OS Unknown  
PN JP 2000245487-A/603  
PD 12-SEP-2000  
PR 27-JAN-2000 JP 2000019392  
PI NIRA SHA, JANET WALINGTON, NIRA PATEL  
PC C12N15/09, C12Q1/68, C12N15/00  
CC  
FH Key  
FT source  
Location/Qualifiers  
1. .31  
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/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

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source

Query Match 0.6%; Score 30.6; DB 1; Length 31;  
Best Local Similarity 96.8%; Pred. No. 1.3;  
Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 3464 TCCAGACACAGAGATCAAGCCCGTAGC 3494  
|||||  
DB 1 TCCAGACACAGAGATCAAGCCCGTAGC 31

RESULT 6  
LOCUS BD002938 31 bp DNA linear PAT 31-JAN-2002  
DEFINITION Gene composition and method.  
ACCESSION BD002938  
VERSION BD002938.1 GI:18630899  
KEYWORDS JP 2000245487-A/604.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 31)  
AUTHORS Sha, N., Walington, J. and Patel, N.  
TITLE Gene composition and method  
JOURNAL Patent: JP 2000245487-A 604 12-SEP-2000;  
AFIMETRIS INC  
COMMENT OS Unknown  
PN JP 2000245487-A/604  
PD 12-SEP-2000  
PR 27-JAN-2000 JP 2000019392  
PI NIRA SHA, JANET WALINGTON, NIRA PATEL  
PC C12N15/09, C12Q1/68, C12N15/00  
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FH Key  
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Query Match 0.6%; Score 30.6; DB 1; Length 31;  
Best Local Similarity 96.8%; Pred. No. 1.3;  
Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 3999 AACACGAGCTCCGCATCAAGCGACAGCAC 4029  
|||||  
DB 1 AACACGAGCTCCGCATCAAGCGACAGCAC 31

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RESULT 7
BD002939
LOCUS      BD002939          31 bp      DNA      linear      PAT 31-JAN-2002
DEFINITION Gene composition and method.
ACCESSION  BD002939.1 GI:18630900
VERSION    JP 2000245487-A/605.
KEYWORDS   unidentified
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 31)
AUTHORS   Sha,N., Walinton,J. and Patel,N.
TITLE     Gene composition and method
JOURNAL   Patent: JP 2000245487-A 605 12-SEP-2000;
          AFIMETRICS INC
COMMENT    OS Unknown
          PN JP 2000245487-A/605
          PD 12-SEP-2000
          PF 27-JAN-2000 JP 2000019392
          PR 27-JAN-1999 US 09/238.402
          PI NIRA SHA,JANET WALINTON,NIRA PATEL
          PC C12N15/09,C12Q1/68,C12N15/00
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          FH Key Location/Qualifiers
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Query Match      0.6%; Score 30.6; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 1.3;
Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4069 CCATGCACTGAGAGCCCTCAGTACGCTGCCAC 4099
DB      1 CCATGCACTGAGAGCCCTCAGTACGCTGCCAC 31

RESULT 8
BD002940
LOCUS      BD002940          31 bp      DNA      linear      PAT 31-JAN-2002
DEFINITION Gene composition and method.
ACCESSION  BD002940.1 GI:18630901
VERSION    JP 2000245487-A/606.
KEYWORDS   unidentified
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 31)
AUTHORS   Sha,N., Walinton,J. and Patel,N.
TITLE     Gene composition and method
JOURNAL   Patent: JP 2000245487-A 606 12-SEP-2000;
          AFIMETRICS INC
COMMENT    OS Unknown
          PN JP 2000245487-A/606
          PD 12-SEP-2000
          PF 27-JAN-2000 JP 2000019392
          PR 27-JAN-1999 US 09/238.402
          PI NIRA SHA,JANET WALINTON,NIRA PATEL
          PC C12N15/09,C12Q1/68,C12N15/00
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          FH Key Location/Qualifiers
          FT source 1..31
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source      Location/Qualifiers
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            /db_xref="taxon:32644"

Query Match      0.6%; Score 30.6; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 1.3;
Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4339 GGGAGCCCACTGCTGCTTGTAGGCGCCATT 4369
DB      1 GGGAGCCCACTGCTGCTTGTAGGCGCCATT 31

RESULT 10
BD002942
LOCUS      BD002942          31 bp      DNA      linear      PAT 31-JAN-2002
DEFINITION Gene composition and method.
ACCESSION  BD002942.1 GI:18630903
VERSION    JP 2000245487-A/608.
KEYWORDS   unidentified
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 31)
AUTHORS   Sha,N., Walinton,J. and Patel,N.
TITLE     Gene composition and method
JOURNAL   Patent: JP 2000245487-A 608 12-SEP-2000;
          AFIMETRICS INC
COMMENT    OS Unknown
          PN JP 2000245487-A/608
          PD 12-SEP-2000
          PF 27-JAN-2000 JP 2000019392
          PR 27-JAN-1999 US 09/238.402
          PI NIRA SHA,JANET WALINTON,NIRA PATEL
          PC C12N15/09,C12Q1/68,C12N15/00
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          FH Key Location/Qualifiers
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FEATURES
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Query Match      0.6%; Score 30.6; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 1.3;
Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4310 TCTGGGTCCCACTGCTGCTTGTGTAATTGG 4340
DB      1 TCTGGGTCCCACTGCTGCTTGTGTAATTGG 31

RESULT 9
BD002941
LOCUS      BD002941          31 bp      DNA      linear      PAT 31-JAN-2002
DEFINITION Gene composition and method.
ACCESSION  BD002941.1 GI:18630902
VERSION    JP 2000245487-A/607.
KEYWORDS   unidentified
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 31)
AUTHORS   Sha,N., Walinton,J. and Patel,N.
TITLE     Gene composition and method
JOURNAL   Patent: JP 2000245487-A 607 12-SEP-2000;
          AFIMETRICS INC
COMMENT    OS Unknown
          PN JP 2000245487-A/607
          PD 12-SEP-2000
          PF 27-JAN-2000 JP 2000019392
          PR 27-JAN-1999 US 09/238.402
          PI NIRA SHA,JANET WALINTON,NIRA PATEL
          PC C12N15/09,C12Q1/68,C12N15/00
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          FH Key Location/Qualifiers
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FEATURES
source      Location/Qualifiers
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CC Key Location/Qualifiers  
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Query Match 0.6%; Score 30.6; DB 1; Length 31;  
 Best Local Similarity 96.8%; Pred. No. 1.3;  
 Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 4449 GATCGAACCTCATGATGTCGCAAGTCTGT 4479  
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 Db 1 GATCGAACCTCATGATGTCGCAAGTCTGT 31

RESULT 11  
 LOCUS BD002943 31 bp DNA linear PAT 31-JAN-2002  
 DEFINITION Gene composition and method.  
 ACCESSION BD002943  
 VERSION BD002943.1 GI:18630904  
 KEYWORDS JP 2000245487-A/609.  
 SOURCE unidentified  
 ORGANISM unidentified  
 REFERENCE 1 (bases 1 to 31)  
 AUTHORS Sha, N., Walinton, J., and Patel, N.  
 TITLE Gene composition and method  
 JOURNAL Patent: JP 2000245487-A 609 12-SEP-2000;  
 AFIMETRICS INC

COMMENT  
 OS Unknown  
 PN JP 2000245487-A/609  
 PD 12-SEP-2000  
 PR 27-JAN-2000 JP 2000019392  
 PR 27-JAN-1999 US 09/238,402  
 PI NIRA SHA, JANET WALINTON, NIRA PATEL  
 PC C12N15/09, C12N15/58, C12N15/00  
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 FH Key Location/Qualifiers  
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Query Match 0.6%; Score 30.6; DB 1; Length 31;  
 Best Local Similarity 96.8%; Pred. No. 1.3;  
 Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 4722 GCTTAGCTAAAGTCCGCGGTTCCGCGCAT 4752  
 |||||  
 Db 1 GCTTAGCTAAAGTCCGCGGTTCCGCGCAT 31

RESULT 12  
 LOCUS BD107612/c 30 bp DNA linear PAT 18-SEP-2002  
 DEFINITION Novel microsatellite DNA derived from pear plants and method for  
 discriminating pear plants using the same.  
 ACCESSION BD107612  
 VERSION BD107612.1 GI:23202430  
 KEYWORDS JP 2002034597-A/21.  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1 (bases 1 to 30)  
 AUTHORS Yamamoto, T., Sawamura, Y., Imai, T., Matsumura, N., Saito, T., Shoda, M.,

TITLE Kotobuki, K., Hayaishi, K., Ba, Y., Kozono, M. and Kimura, T.  
 JOURNAL Novel microsatellite DNA derived from pear plants and method for  
 discriminating pear plants using the same  
 PATENT: JP 2002034597-A 21 05-FEB-2002;  
 COMMENT FRUIT TREE RES STATION  
 OS Artificial Sequence  
 PN JP 2002034597-A/21  
 PD 05-FEB-2002  
 PR 21-JUL-2000 JP 2000220339  
 PR TOSHIYA YAMAMOTO, YUTAKA SAWAMURA, TSUYOSHI IMAI, NAGAO MATSUDA,  
 PI TOSHIHIRO SAITO, MORIYUKI SHODA, KAZUO KOTOBUKI, KENKI HAYASHI,  
 PI YOSHITUKU BAN, TETSUYA KIMURA  
 PI MASANORI KOZONO,  
 PC C12Q1/68, A01H1/00, C12N15/09, C12N15/00  
 CC Description of Artificial Sequence: Probe  
 FH Key Location/Qualifiers  
 FT source 1..30  
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 source Location/Qualifiers  
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 /db\_xref="taxon:32630"

Query Match 0.5%; Score 25.2; DB 1; Length 30;  
 Best Local Similarity 90.0%; Pred. No. 15;  
 Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 266 CCCCCCTCTCTCTCTCTCTCTCTCTCTCTCT 295  
 |||||  
 Db 30 CTTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1

RESULT 13  
 LOCUS AR208348 30 bp DNA linear PAT 20-JUN-2002  
 DEFINITION Sequence 4 from patent US 6383747.  
 ACCESSION AR208348  
 VERSION AR208348.1 GI:21509479  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 30)  
 AUTHORS Dawkins, R. Letica, and Abraham, L. Joseph.  
 TITLE Method for determining ancestral haplotypes using haplo-specific  
 geometric elements within the major histocompatibility complex  
 multigene cluster  
 JOURNAL Patent: US 6383747-A 4 07-MAY-2002;  
 FEATURES Location/Qualifiers  
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 /mol\_type="unassigned DNA"

Query Match 0.5%; Score 24.8; DB 1; Length 30;  
 Best Local Similarity 92.9%; Pred. No. 18;  
 Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 268 CCTCTCTCTCTCTCTCTCTCTCTCTCTCT 295  
 |||||  
 Db 2 CTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 29

RESULT 14  
 LOCUS AX207477 38 bp DNA linear PAT 30-AUG-2001  
 DEFINITION Sequence 6 from Patent WO0155433.  
 ACCESSION AX207477  
 VERSION AX207477.1 GI:15395272  
 KEYWORDS  
 SOURCE Brassica napus (rape)  
 ORGANISM Brassica napus  
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;



QY 4412 AGATTAATTAATTAATTAATTAATTA 4438  
 DB 2 AAATTAATTAATTAATTAATTAATTA 28

RESULT 19  
 LOCUS AX687231 32 bp DNA linear PAT 31-MAR-2003  
 DEFINITION Sequence 152 from Patent WO03006638.  
 ACCESSION AX687231  
 VERSION AX687231.1 GI:29409728  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 REFERENCE 1  
 AUTHORS Schweitzer,M., Anderson,R., Fiechtner,M., Mueller-Ibel,J., Raddatz,S., Bruecher,C., Windhab,N., Orwick,J., Schneider,E., Pignot,M. and Kienle,S.  
 TITLE Sorting and immobilization system for nucleic acids using synthetic binding systems

JOURNAL Patent: WO.03006638-A 152 30-JAN-2003;  
 Nanogen Recognition GmbH (DB)  
 FEATURES  
 source Location/Qualifiers  
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Query Match 0.5%; Score 23.8; DB 1; Length 32;  
 Best Local Similarity 92.6%; Pred. No. 31;  
 Matches 25; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4412 AGATTAATTAATTAATTAATTA 4438  
 DB 2 AAATTAATTAATTAATTAATTAATTA 28

RESULT 20  
 LOCUS AX687241 32 bp DNA linear PAT 31-MAR-2003  
 DEFINITION Sequence 162 from Patent WO03006638.  
 ACCESSION AX687241  
 VERSION AX687241.1 GI:29409738  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 REFERENCE 1  
 AUTHORS Schweitzer,M., Anderson,R., Fiechtner,M., Mueller-Ibel,J., Raddatz,S., Bruecher,C., Windhab,N., Orwick,J., Schneider,E., Pignot,M. and Kienle,S.  
 TITLE Sorting and immobilization system for nucleic acids using synthetic binding systems

JOURNAL Patent: WO 03006638-A 162 30-JAN-2003;  
 Nanogen Recognition GmbH (DB)  
 FEATURES  
 source Location/Qualifiers  
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Query Match 0.5%; Score 23.8; DB 1; Length 32;  
 Best Local Similarity 92.6%; Pred. No. 31;  
 Matches 25; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4412 AGATTAATTAATTAATTAATTA 4438  
 DB 2 AAATTAATTAATTAATTAATTAATTA 28

DB 2 AAATTAATTAATTAATTAATTAATTA 28

RESULT 21  
 LOCUS AR002289/c 32 bp DNA linear PAT 04-DEC-1998  
 DEFINITION Sequence 28 from patent US 5741645.  
 ACCESSION AR002289  
 VERSION AR002289.1 GI:3963843  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 32)  
 AUTHORS Orr,H.T., Rannu,L.P.W., Chung,M.-Y. and Zoghbi,H.Y.  
 TITLE Gene sequence for spinocerebellar ataxia type 1 and method for diagnosis

JOURNAL Patent: US 5741645-A 28 21-APR-1998;  
 Location/Qualifiers  
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 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.4%; Score 23.6; DB 1; Length 32;  
 Best Local Similarity 86.7%; Pred. No. 34;  
 Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTCTCTCTCTGCT 299  
 DB 31 CTCTCTCTCTCTCTCTCTCTCTCTCTCT 2

RESULT 22  
 LOCUS AR053140 32 bp DNA linear PAT 29-SEP-1999  
 DEFINITION Sequence 46 from patent US 5834183.  
 ACCESSION AR053140  
 VERSION AR053140.1 GI:5978002  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 32)  
 AUTHORS Orr,H.T., Rannu,L.P.W., Chung,M.-Y. and Zoghbi,H.Y.  
 TITLE Gene sequence for spinocerebellar ataxia type 1 and method for diagnosis

JOURNAL Patent: US 5834183-A 46 10-NOV-1998;  
 Location/Qualifiers  
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 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.4%; Score 23.6; DB 1; Length 32;  
 Best Local Similarity 86.7%; Pred. No. 34;  
 Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTCTCTCTCTGCT 299  
 DB 31 CTCTCTCTCTCTCTCTCTCTCTCTCTCT 2

RESULT 23  
 LOCUS AR001554 34 bp DNA linear PAT 04-DEC-1998  
 DEFINITION Sequence 15 from patent US 5739308.  
 ACCESSION AR001554  
 VERSION AR001554.1 GI:3963621  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 34)  
 AUTHORS Kandimala,E.R. and Agrawal,S.





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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 22.4; DB 1; Length 24;  
Best Local Similarity 95.8%; Pred. No. 37;  
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTTCTCTCTCTCTC 294  
Db 1 TCTCTCTCTCTCTCTCTCTCTC 24

RESULT 29  
AR026547 24 bp DNA linear PAT 29-SEP-1999  
LOCUS Sequence 10 from patent US 5856103.  
ACCESSION AR026547  
VERSION AR026547.1 GI:5937387  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Gray,D.M. and Clark,C.L.  
TITLE Method for selectively ranking sequences for antisense targeting  
JOURNAL Patent: US 5856103-A 10 05-JAN-1999;  
FEATURES Location/Qualifiers  
source 1. .24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 22.4; DB 1; Length 24;  
Best Local Similarity 95.8%; Pred. No. 37;  
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTTCTCTCTCTCTC 294  
Db 1 TCTCTCTCTCTCTCTCTCTCTC 24

RESULT 30  
AR026548 24 bp DNA linear PAT 29-SEP-1999  
LOCUS Sequence 11 from patent US 5856103.  
ACCESSION AR026548  
VERSION AR026548.1 GI:5937388  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Gray,D.M. and Clark,C.L.  
TITLE Method for selectively ranking sequences for antisense targeting  
JOURNAL Patent: US 5856103-A 11 05-JAN-1999;  
FEATURES Location/Qualifiers  
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/mol\_type="unassigned DNA"

Query Match 0.4%; Score 22.4; DB 1; Length 24;  
Best Local Similarity 95.8%; Pred. No. 37;  
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTTTCTCTCTCTCT 293  
Db 24 CTCTCTCTCTCTCTCTCTCT 1

RESULT 31  
AR128993/c 24 bp DNA linear PAT 16-MAY-2001  
LOCUS AR128993

DEFINITION Sequence 8 from patent US 6183966.  
ACCESSION AR128993  
VERSION AR128993.1 GI:14116655  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Gray,D.M. and Clark,C.L.  
TITLE Apparatus and method for selectively ranking sequences for antisense targeting  
JOURNAL Patent: US 6183966-A 8 06-FEB-2001;  
FEATURES Location/Qualifiers  
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Query Match 0.4%; Score 22.4; DB 1; Length 24;  
Best Local Similarity 95.8%; Pred. No. 37;  
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTTTCTCTCTCTCT 293  
Db 24 CTCTCTCTCTCTCTCTCTCT 1

RESULT 32  
AR128994 24 bp DNA linear PAT 16-MAY-2001  
LOCUS Sequence 9 from patent US 6183966.  
ACCESSION AR128994  
VERSION AR128994.1 GI:14116656  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Gray,D.M. and Clark,C.L.  
TITLE Apparatus and method for selectively ranking sequences for antisense targeting  
JOURNAL Patent: US 6183966-A 9 06-FEB-2001;  
FEATURES Location/Qualifiers  
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/mol\_type="unassigned DNA"

Query Match 0.4%; Score 22.4; DB 1; Length 24;  
Best Local Similarity 95.8%; Pred. No. 37;  
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTTTCTCTCTCTCT 293  
Db 1 CTCTCTCTCTCTCTCTCTCT 24

RESULT 33  
AR128995 24 bp DNA linear PAT 16-MAY-2001  
LOCUS Sequence 10 from patent US 6183966.  
ACCESSION AR128995  
VERSION AR128995.1 GI:14116657  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Gray,D.M. and Clark,C.L.  
TITLE Apparatus and method for selectively ranking sequences for antisense targeting  
JOURNAL Patent: US 6183966-A 10 06-FEB-2001;  
FEATURES Location/Qualifiers  
source 1. .24  
/organism="unknown"

	/mol_type="unassigned DNA"					
Query Match	0.4%;	Score 22.4;	DB 1;	Length 24;		
Best Local Similarity	95.8%;	Pred. No. 37;				
Matches 23; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;		
Oy	271	TCTGTCCTTCTCTCTCTC	294			
Db	1	TCTCTCTCTCTCTCTCTC	24			
RESULT 34						
AR128996/c			24 bp	DNA	linear	PAT 16-MAY-2001
LOCUS	AR128996					
DEFINITION	Sequence 11 from patent US 6183966.					
ACCESSION	AR128996					
VERSION	AR128996.1	GI:1411658				
KEYWORDS						
SOURCE	unknown.					
ORGANISM	unknown.					
REFERENCE	Unclassified.					
AUTHORS	1 (bases 1 to 24)					
TITLE	Gray,D.M. and Clark,C.L.					
JOURNAL	Apparatus and method for selectively ranking sequences for antisense targeting					
FEATURES	Patent: US 6183966-A 11 06-FEB-2001;					
source	Location/Qualifiers 1..24 .organism="unknown" /mol_type="unassigned DNA"					
Query Match	0.4%;	Score 22.4;	DB 1;	Length 24;		
Best Local Similarity	95.8%;	Pred. No. 37;				
Matches 23; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;		
Oy	271	TCTGTCCTTCTCTCTCTC	294			
Db	24	TCTCTCTCTCTCTCTCTC	1			
RESULT 35						
AR202467			24 bp	DNA	linear	PAT 20-APR-2002
LOCUS	AR202467					
DEFINITION	Sequence 1 from patent US 6362322.					
ACCESSION	AR202467					
VERSION	AR202467.1	GI:20257006				
KEYWORDS						
SOURCE	unknown.					
ORGANISM	unknown.					
REFERENCE	Unclassified.					
AUTHORS	1 (bases 1 to 24)					
TITLE	Gray,D.M. and Hashem,G.M.					
JOURNAL	Conversion of a Watson-Crick DNA to a Hoogsteen-paired duplex					
FEATURES	Patent: US 6362322-A 1 26-MAR-2002;					
source	Location/Qualifiers 1..24 /organism="unknown" /mol_type="unassigned DNA"					
Query Match	0.4%;	Score 22.4;	DB 1;	Length 24;		
Best Local Similarity	95.8%;	Pred. No. 37;				
Matches 23; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;		
Oy	270	CCTCTCTCTTCTCTCTCTC	293			
Db	1	CTCTCTCTCTCTCTCTCTC	24			
RESULT 36						
AR202468/c			24 bp	DNA	linear	PAT 20-APR-2002
LOCUS	AR202468					
DEFINITION	Sequence 2 from patent US 6362322.					
ACCESSION	AR202468					

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VERSION      AR202468.1  GI:20257007
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unknown.
REFERENCE    Unclassified.
AUTHORS      1 (bases 1 to 24)
TITLE        Gray,D.M. and Hashem,G.M.
JOURNAL      Conversion of a watson-crick DNA to a hoogsteen-paired duplex
FEATURES     Patent: US 6362322-A 2 26-MAR-2002;
              Location/Qualifiers
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Query Match      0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 37;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      270  CTCTCTCTCTCTCTCTCTCTCT 293
          |||||
          24  CTCTCTCTCTCTCTCTCTCT 1
          Db

RESULT 37
AR202469
LOCUS        AR202469      24 bp      DNA      linear      PAT 20-APR-2002
DEFINITION   Sequence 3 from patent US 6362322.
ACCESSION    AR202469
VERSION      AR202469.1  GI:20257008
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unknown.
REFERENCE    Unclassified.
AUTHORS      1 (bases 1 to 24)
TITLE        Gray,D.M. and Hashem,G.M.
JOURNAL      Conversion of a watson-crick DNA to a hoogsteen-paired duplex
FEATURES     Patent: US 6362322-A 3 26-MAR-2002;
              Location/Qualifiers
                1..24
                /organism="unknown"
                /mol_type="unassigned DNA"

Query Match      0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 37;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      270  CTCTCTCTCTCTCTCTCTCTCT 293
          |||||
          1  CTCTCTCTCTCTCTCTCTCT 24
          Db

RESULT 38
AR202470
LOCUS        AR202470      24 bp      DNA      linear      PAT 20-APR-2002
DEFINITION   Sequence 4 from patent US 6362322.
ACCESSION    AR202470
VERSION      AR202470.1  GI:20257009
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unknown.
REFERENCE    Unclassified.
AUTHORS      1 (bases 1 to 24)
TITLE        Gray,D.M. and Hashem,G.M.
JOURNAL      Conversion of a watson-crick DNA to a hoogsteen-paired duplex
FEATURES     Patent: US 6362322-A 4 26-MAR-2002;
              Location/Qualifiers
                1..24
                /organism="unknown"
                /mol_type="unassigned DNA"

Query Match      0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 37;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      270  CTCTCTCTCTCTCTCTCTCTCT 293
          |||||
          1  CTCTCTCTCTCTCTCTCTCT 24
          Db

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Oy 270 CTCTCTCTTCTCTCTCTCT 293  
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 1 CTCTCTCTCTCTCTCTCTCT 24

RESULT	39			
LOCUS	AR202471/c			
DEFINITION	Sequence	24 bp	DNA	
ACCESSION	AR202471	5 from patent US 6362322.		
VERSION	AR202471.1	GI:20257010		
KEYWORDS				
SOURCE	Unknown.			
ORGANISM	Unknown.			

Query Match 0.4%; Score 22.4; DB 1; Length 24;  
Best Local Similarity 95.8%; Pred. No. 37;  
Matches 23; Conservative 0; Indels 0; Gaps 0;

[illegible]

	RESULT	40			
	AR202472				
	LOCUS	AR202472	24 bp	DNA	linear
	DEFINITION	Sequence 6 from patent US 6368322.			PAT 20-APR-2002D
	ACCESSION	AR202472			
	VERSION	AR202472.1	GI:20257011		

Query Match	0.4%	Score	22.4	DB	1	Length	24
Best Local Similarity	95.8%	Pred. No.	37				
Matches	23	Conservative	0	Mismatches	1	Indels	0
						Gaps	0

OY		270	C T C T C T C T T T C T C T C T C T C T	293
Dd	1	C T C T C T C T C T C T C T C T C T	24	

RESULT 41				
AR001555				
LOCUS	AR001555	33 bp	DNA	linear
DEFINITION	Sequence 16 from patent US 5739308.			
ACCESSION	AR001555			
VERSION	AR001555.1	GI:3963622		PAT 04-DEC-1998

AUTHORS	Kandimala, E.R. and Agrawal, S.
TITLE	Integrated oligonucleotide
JOURNAL	Patent: US 5739308-A 16 14-APR-1998,
FEATURES	Location/Qualifiers
SOURCE	1. 33

Query Match	0.44;	Score	22.4;	DB 1;	Length	33;			
Best Local Similarity	81.24;	Pred.	No. 62;						
Matches	26;	Conservative	0;	Mismatches	6;	Indels	0;	Gaps	0;

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QY      263 CCCCCCCTCTCTCTCTCTCTCTCTC 294
          |||||
Db      2 CGACCCATCTCTCTCTCTCTCTCTC 33

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RESULT	42		
LOCUS	184406/c		
SEQUENCE	7	from parent US 5695933.	DNA
ACCESSION	184406		Linear
VERSION	184406.1	GI:3021926	
KEYWORDS			

Query Match	0.4%	Score 22.4	DB 1	Length 33
Best Local Similarity	81.2%	Pred. No. 62		
Matches 26	Conservative 0	Mismatches 6	Indels 0	Gaps 0

DY . 3909 CCGCCACCCCAGCAGCGGCGGCCGGCTGCC 3940  
DB 33 CCGCGCGCGCGCGCGCGCGCGCGCGCGCC 2

RESULT	43
AX002034/c	
LOCUS	AX002034 32-bp DNA linear PAT 10-MAR-2000
DEFINITION	Sequence 36 from Patent EP0887426.
ACCESSION	AX002034
VERSION	AX002034.1 GI:7241810
KEYWORDS	
SOURCE	mitochondrion Homo sapiens (human)

Query Match	0.4%	Score 21.4	DB 1	Length 32
Best Local Similarity	80.6%	Pred. No. 93		
Matches 25	Conservative 0	Mismatches 6	Indels 0	Gaps 0

QY 277 TCTTCTCTCTCTCTCTGCTTGGTTCT 307



FEATURES  
Location/Qualifiers  
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Query Match 0.4%; Score 20.4; DB 1; Length 26;  
Best Local Similarity 95.5%; Pred. No. 1e+02;  
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCTCTCTCTCTCTCTCT 291  
Db 5 CTCTCTCTCTCTCTCTCT 26

RESULT 49  
AR178302 26 bp DNA linear PAT 20-APR-2002  
LOCUS  
DEFINITION Sequence 19 from patent US 6319672.  
ACCESSION AR178302  
VERSION AR178302.1 GI:20219440  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS Crouzet,J., Scherman,D., Wile,P., Bianche,F. and Cameron,B.  
TITLE Purification of a triple helix formation with an immobilized oligonucleotide  
JOURNAL Patent: US 6319672-A 19 20-NOV-2001;  
FEATURES  
Location/Qualifiers  
1. .26  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 20.4; DB 1; Length 26;  
Best Local Similarity 95.5%; Pred. No. 1e+02;  
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCTCTCTCTCTCTCTCT 291  
Db 5 CTCTCTCTCTCTCTCTCT 26

RESULT 50  
AX323384 26 bp DNA linear PAT 07-JAN-2002  
LOCUS  
DEFINITION Sequence 19 from Patent W00192511.  
ACCESSION AX323384  
VERSION AX323384.1 GI:18094146  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
AUTHORS Crouzet,J., Scherman,D., Wile,P., Bianche,F. and Cameron,B.  
TITLE Purification of a triple helix formation with an immobilized oligonucleotide  
JOURNAL Patent: WO 0192511-A 19 06-DEC-2001;  
FEATURES  
Location/Qualifiers  
1. .26  
/organism="synthetic construct"  
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/db\_xref="taxon:32630"  
/note="synthetic oligonucleotide"

Query Match 0.4%; Score 20.4; DB 1; Length 26;  
Best Local Similarity 95.5%; Pred. No. 1e+02;  
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCTCTCTCTCTCTCTCT 291  
Db 5 CTCTCTCTCTCTCTCTCT 26

RESULT 51  
AX686854 26 bp DNA linear PAT 29-MAR-2003  
LOCUS  
DEFINITION Sequence 19 from Patent EP1281774.  
ACCESSION AX686854  
VERSION AX686854.1 GI:29372395  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE  
AUTHORS Crouzet,J., Scherman,D. and Wile,P.  
TITLE Purification of a triple helix formation with an immobilized oligonucleotide  
JOURNAL Patent: EP 1281774-A 19 05-FEB-2003;  
FEATURES  
Location/Qualifiers  
1. .26  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.4%; Score 20.4; DB 1; Length 26;  
Best Local Similarity 95.5%; Pred. No. 1e+02;  
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCTCTCTCTCTCTCTCT 291  
Db 5 CTCTCTCTCTCTCTCTCT 26

RESULT 52  
184401 30 bp DNA linear PAT 04-APR-1998  
LOCUS  
DEFINITION Sequence 2 from patent US 5695933.  
ACCESSION 184401  
VERSION 184401.1 GI:3021921  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS Schalling,M., Hudson,T.J. and Houseman,D.E.  
TITLE Direct detection of expanded nucleotide repeats in the human genome  
JOURNAL Patent: US 5695933-A 2 09-DEC-1997;  
FEATURES  
Location/Qualifiers  
1. .30  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 20.4; DB 1; Length 30;  
Best Local Similarity 80.0%; Pred. No. 1.3e+02;  
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 3909 CCGCCACCCCGACGCCGCCGCCGCTG 3938  
Db 1 CCGCCCGCCGCCGCCGCCGCCGCCG 30

RESULT 53  
AX351713 30 bp DNA linear PAT 06-FEB-2002  
LOCUS  
DEFINITION Sequence 9 from Patent W00193902.  
ACCESSION AX351713  
VERSION AX351713.1 GI:18616996  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
AUTHORS Mond,J.J., Flora,M. and Kliman,D.M.



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/organism="unknown"
/mol_type="genomic DNA"
Query Match      0.4%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 1.6e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      3909 CCGCCGACCCGAGCGCCGCGCCGCGC 3936
DB      29 CCGCCGCGCCGCGCGCCGCGCCGCGC 2

RESULT 58
LOCUS      CQ841335      23 bp      DNA      linear      PAT 02-AUG-2004
DEFINITION Sequence 34 from Patent WO2004061105.
ACCESSION  CQ841335
VERSION     CQ841335.1 GI:50893127
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
ORGANISM
REFERENCE   1
AUTHORS     Ciliberto,G.I., Lahm,A.I., la Monica,N.I., Monaci,P.I. and
            Nuzzo,M.I.
TITLE       Rhesus her2/neu, nucleotides encoding same, and uses thereof
JOURNAL     PATENT: WO 2004061105-A 34 22-JUL-2004;
            ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P. ANGELETTI S.P.A.
            (IT)
FEATURES
source      Location/Qualifiers
            1..23
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            /db_xref="taxon:32630"
            /note="PCR Primer"

Query Match      0.4%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3310 CCGCTGACCGACGCCGACGCC 3332
DB      23 CCGCTGACCTGACGCCGACGCC 1

RESULT 59
LOCUS      CQ841340      23 bp      DNA      linear      PAT 02-AUG-2004
DEFINITION Sequence 39 from Patent WO2004061105.
ACCESSION  CQ841340
VERSION     CQ841340.1 GI:50893132
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
ORGANISM
REFERENCE   1
AUTHORS     Ciliberto,G.I., Lahm,A.I., la Monica,N.I., Monaci,P.I. and
            Nuzzo,M.I.
TITLE       Rhesus her2/neu, nucleotides encoding same, and uses thereof
JOURNAL     PATENT: WO 2004061105-A 39 22-JUL-2004;
            ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P. ANGELETTI S.P.A.
            (IT)
FEATURES
source      Location/Qualifiers
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            /note="PCR Primer"

Query Match      0.4%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      3310 CCGCTGACCGACGCCGACGCC 3332
DB      1 CCGCTGACCTGACGCCGACGCC 23

RESULT 60
LOCUS      AR152840/c      25 bp      DNA      linear      PAT 08-AUG-2001
DEFINITION Sequence 120 from patent US 6235470.
ACCESSION  AR152840
VERSION     AR152840.1 GI:15120372
KEYWORDS
SOURCE      Unknown.
            Unknown.
            Unclassified.
            1 (bases 1 to 25)
ORGANISM
REFERENCE   1
AUTHORS     Sidransky,D.
TITLE       Detection of neoplasia by analysis of saliva
JOURNAL     Patent: US 6235470-A 120 22-MAY-2001;
            Location/Qualifiers
            1..25
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      0.4%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      273 TCTCTTCTCTCTCTCTCTCT 295
DB      25 TCTCTTCTCTCTCTCTCTCT 3

RESULT 61
LOCUS      BD134296      25 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Detection of neoplasia by analysis of saliva.
ACCESSION  BD134296
VERSION     BD134296.1 GI:2329241
KEYWORDS   JP 2002505888-A/120.
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
ORGANISM
REFERENCE   1 (bases 1 to 25)
AUTHORS     Sidranski,D.
TITLE       Detection of neoplasia by analysis of saliva
JOURNAL     Patent: JP 2002505888-A 120 26-FEB-2002;
            THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
            OS Artificial Sequence
            PN JP 2002505888-A/120
            PD 26-FEB-2002
            PF 10-MAR-1999 JP 2000535774
            PR 10-MAR-1998 US 09/038637
            PI DAVID SIDRANSKI
            PC C12N15/09,C12Q1/68,C12N15/00
            CC nucleotide
            FH Key
            FT source
            Location/Qualifiers
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            /organism="Artificial Sequence".

FEATURES
source      Location/Qualifiers
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Query Match      0.4%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      273 TCTCTTCTCTCTCTCTCTCT 295
DB      25 TCTCTTCTCTCTCTCTCTCT 3

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RESULT 62  
AX573918/c 30 bp DNA linear PAT 07-JAN-2003  
LOCUS AX573918  
DEFINITION Sequence 22 from Patent WO02079463.  
ACCESSION AX573918  
VERSION AX573918.1 GI:27551535  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Datla,R., Dumonceaux,T., Venglat,P., Babic,V., Keller,W. and Selvaraj,G.  
TITLE Methods for modification of plant inflorescence architecture  
JOURNAL Patent: WO 02079463-A 22 10-OCT-2002;  
NATIONAL RESEARCH COUNCIL OF CANADA (CA)  
FEATURES  
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/db\_xref="taxon:32630"  
/note="PCR primer"

Query Match 0.4%; Score 19.4; DB 1; Length 30;  
Best Local Similarity 91.3%; Pred. No. 1.7e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 266 CCCCCCTCTCTCTCTCTCTCTC 288  
Db 30 CTCTCTCTCTCTCTCTCTCTCTC 8

RESULT 63  
A64735 21 bp DNA linear PAT 29-MAR-1999  
LOCUS A64735  
DEFINITION Sequence 1 from Patent WO9729116.  
ACCESSION A64735  
VERSION A64735.1 GI:4530771  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1  
AUTHORS Reese,C.B. and Rao,M.V.  
TITLE SULPHUR CONTAINING DINDCLEOTIDE PHOSPHORAMIDITES  
JOURNAL Patent: WO 9729116-A 1 14-AUG-1997;  
CRUACHEM LTD (GB)  
FEATURES  
source 1..21  
Location/Qualifiers  
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/organism="unidentified"  
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/db\_xref="taxon:32644"

Query Match 0.4%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCT 291  
Db 1 TCTCTCTCTCTCTCTCTCTCT 21

RESULT 64  
A64738 21 bp DNA linear PAT 16-OCT-1999  
LOCUS A64738  
DEFINITION Sequence 4 from Patent WO9729116.  
ACCESSION A64738  
VERSION A64738.1 GI:4530774  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1  
AUTHORS Reese,C.B. and Rao,M.V.  
TITLE SULPHUR CONTAINING DINDCLEOTIDE PHOSPHORAMIDITES  
JOURNAL Patent: WO 9729116-A 1 14-AUG-1997;  
CRUACHEM LTD (GB)  
FEATURES  
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Location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

REFERENCE 1  
AUTHORS Reese,C.B. and Rao,M.V.  
TITLE SULPHUR CONTAINING DINDCLEOTIDE PHOSPHORAMIDITES  
JOURNAL Patent: WO 9729116-A 4 14-AUG-1997;  
CRUACHEM LTD (GB)  
FEATURES  
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Location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

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Query Match 0.4%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCT 291  
Db 1 TCTCTCTCTCTCTCTCTCTCT 21

RESULT 65  
AR084545 21 bp DNA linear PAT 01-SEP-2000  
LOCUS AR084545  
DEFINITION Sequence 34 from patent US 5981185.  
ACCESSION AR084545  
VERSION AR084545.1 GI:10011316  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 34 09-NOV-1999;  
LOCATION/Qualifiers  
1..21  
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/mol\_type="unassigned DNA"

Query Match 0.4%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4416 AATTAATTAATTAATTAATTAAT 4436  
Db 1 AATTAATTAATTAATTAATTAAT 21

RESULT 66  
AR084554 21 bp DNA linear PAT 01-SEP-2000  
LOCUS AR084554  
DEFINITION Sequence 43 from patent US 5981185.  
ACCESSION AR084554

VERSION AR084554.1 GI:10011325  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 43 09-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..21  
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/mol\_type="unassigned DNA"

Query Match 0.4%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4414 ATATATATATATATATATATAT 4434  
Db 1 ATATATATATATATATATATAT 21

RESULT 67  
LOCUS AR084557 21 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 46 from patent US 5981185.  
ACCESSION AR084557  
VERSION AR084557.1 GI:10011328  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 46 09-NOV-1999;  
FEATURES Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4416 AATATATATATATATATATAT 4436  
Db 21 AATATATATATATATATATAT 1

RESULT 68  
LOCUS AR084589 21 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 78 from patent US 5981185.  
ACCESSION AR084589  
VERSION AR084589.1 GI:10011360  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 78 09-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4415 TATATATATATATATATATAT 4435  
Db 1 TATATATATATATATATATAT 21

RESULT 69  
LOCUS AR084592 21 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 81 from patent US 5981185.  
ACCESSION AR084592  
VERSION AR084592.1 GI:10011363  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 81 09-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4414 ATATATATATATATATATATAT 4434  
Db 21 ATATATATATATATATATATAT 1

RESULT 70  
LOCUS AR084601 21 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 90 from patent US 5981185.  
ACCESSION AR084601  
VERSION AR084601.1 GI:10011372  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 90 09-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4415 TATATATATATATATATATAT 4435  
Db 21 TATATATATATATATATATAT 1

RESULT 71  
LOCUS AR194124 24 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 60 from patent US 6348334.  
ACCESSION AR194124  
VERSION AR194124.1 GI:20240716  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 24)

AUTHORS Nagata, S., Suda, T., Takahashi, T. and Nakamura, N.  
TITLE DNA encoding Fas ligand  
JOURNAL Patent: US 6348334-A 60 19-FEB-2002;  
FEATURES  
SOURCE 1. .24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 24;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1659 TTCTGCCAGCTCTCTGCAGCATG 1682  
DB 24 TTCTGCCAGCTCTCTGCAGCTG 1

RESULT 72  
AR214792/c 25 bp DNA linear PAT 25-SEP-2002  
LOCUS AR214792  
DEFINITION Sequence 10 from patent US 6410226.  
ACCESSION AR214792  
VERSION AR214792.1 GI:23312723  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Kamec, E.B., Holloman, W.K., Rice, M.C., Smith, S.T. and Shu, Z.  
TITLE Mammalian and human REC2  
JOURNAL Patent: US 6410226-A 10 25-JUN-2002;  
FEATURES  
SOURCE 1. .25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 25;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 270 CTCCTCTCTCTCTCTCTCTCTCT 293  
DB 25 CTCCTCTCTCTCTCTCTCTCTCT 2

RESULT 73  
AX745592/c 25 bp DNA linear PAT 14-MAY-2003  
LOCUS AX745592  
DEFINITION Sequence 1557 from Patent WO03031621.  
ACCESSION AX745592  
VERSION AX745592.1 GI:30724259  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Zhang, J.  
TITLE A human G protein coupled receptor  
JOURNAL Patent: WO 03031621-A 1557 17-APR-2003;  
FEATURES  
SOURCE 1. .25  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 19.2; DB 1; Length 25;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4415 TAATATAATATATATATATAA 4438  
|||||

DB 25 TAATATAATACCAATCATATATA 2

RESULT 74  
AX745594/c 25 bp DNA linear PAT 14-MAY-2003  
LOCUS AX745594  
DEFINITION Sequence 1559 from Patent WO03031621.  
ACCESSION AX745594  
VERSION AX745594.1 GI:30724261  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Zhang, J.  
TITLE A human G protein coupled receptor  
JOURNAL Patent: WO 03031621-A 1559 17-APR-2003;  
FEATURES  
SOURCE 1. .25  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 19.2; DB 1; Length 25;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4414 ATATATAATATATATATATAA 4437  
DB 24 ATATATAATATACCAATCATATA 1

RESULT 75  
BD003357/c 25 bp DNA linear PAT 31-JAN-2002  
LOCUS BD003357  
DEFINITION Mammalian and human REC2.  
ACCESSION BD003357  
VERSION BD003357.1 GI:18631318  
KEYWORDS JP 2001500729-A/7.  
SOURCE Saccharomyces cerevisiae (baker's yeast)  
ORGANISM Saccharomyces cerevisiae  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Holloman, W.K., Rice, M.C., Smith, S.T., Shu, Z. and Kamec, E.B.  
TITLE Mammalian and human REC2  
JOURNAL Patent: JP 2001500729-A 7 23-JAN-2001;  
COMMENT THOMAS JEFFERSON UNIVERSITY CORNELL RESEARCH FOUNDATION INC  
OS Saccharomyces cerevisiae (yeast)  
PN JP 2001500729-A/7  
PD 23-JAN-2001  
PR 11-SEP-1997 JP 1998513444  
PI WILLIAM K HOLLAMAN, MICHAEL C RICE, SHERYL T SMITH, ZHIGANG SHU,  
ERIC B KAMEC  
PC C12N15/09, A01K67/027, C07K16/40, C12N5/10, C12N9/00, C12Q1/68, PC  
C12N15/00,  
CC C12N5/00  
FT  
FH  
FT Key location/Qualifiers  
location/Qualifiers  
1. .25  
/organism="Saccharomyces cerevisiae"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:4932"

Query Match 0.4%; Score 19.2; DB 1; Length 25;  
Best Local Similarity 87.5%; Pred. No. 1.7e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 270 CTCCTCTCTCTCTCTCTCTCTCT 293  
Db 25 CTCCTCTCTCTCTCTCTCTCTCT 2

RESULT 76  
LOCUS A63579 27 bp DNA linear PAT 12-MAR-1998  
DEFINITION Sequence 20 from Patent WO9720924.  
ACCESSION A63579.1 GI:3717234  
VERSION A63579.1 GI:3717234  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1  
AUTHORS Scagliante, B. and Quadrifoglio, F.  
TITLE A CLASS OF OLIGONUCLEOTIDES, THERAPEUTICALLY USEFUL AS ANTITUMORAL AGENTS  
JOURNAL Patent: WO 9720924-A 20 12-JUN-1997;  
SAICOM S R L (IT)  
COMMENT Other publication IT MI952539 19970604  
Other publication AU 1175497 19970627.  
FEATURES  
source 1..27  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.4%; Score 19; DB 1; Length 27;  
Best Local Similarity 81.5%; Pred. No. 2.1e+02;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 273 TCTCTCTCTCTCTCTCTCTCTCT 299  
Db 27 TCTTCTTCTCTCTCTCTCTCTCTCT 1

RESULT 77  
LOCUS A63582 27 bp DNA linear PAT 12-MAR-1998  
DEFINITION Sequence 23 from Patent WO9720924.  
ACCESSION A63582  
VERSION A63582.1 GI:3717237  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1  
AUTHORS Scagliante, B. and Quadrifoglio, F.  
TITLE A CLASS OF OLIGONUCLEOTIDES, THERAPEUTICALLY USEFUL AS ANTITUMORAL AGENTS  
JOURNAL Patent: WO 9720924-A 23 12-JUN-1997;  
SAICOM S R L (IT)  
COMMENT Other publication IT MI952539 19970604  
Other publication AU 1175497 19970627.  
FEATURES  
source 1..27  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.4%; Score 19; DB 1; Length 27;  
Best Local Similarity 81.5%; Pred. No. 2.1e+02;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 273 TCTCTCTCTCTCTCTCTCTCTCT 299  
Db 27 TCTTCTTCTCTCTCTCTCTCTCTCT 1

RESULT 78

DOGPe71A01  
LOCUS DOGPe71A01 22 bp DNA linear MAM 11-MAR-1996  
DEFINITION Dog primer for STS 671, 5' end.  
ACCESSION U29311  
VERSION U29311.1 GI:459733  
KEYWORDS PCR identification; PCR primer; STS.  
SEGMENT 1 of 2  
SOURCE Canis familiaris (dog)  
ORGANISM Canis familiaris  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.  
REFERENCE 1  
AUTHORS Ostrander, E.A., Mapa, F.A., Yee, M. and Rine, J.  
TITLE One hundred and one new simple sequence repeat-based markers for the canine genome  
JOURNAL Mamm. Genome 6 (3), 192-195 (1995)  
MEDLINE 95268214  
PubMed 7749226  
COMMENT Original source text: Canis familiaris (library: E. Ostrander, in pbluescript+) adult spleen DNA.  
Submitted by:  
Fred Hutchinson Cancer Research Center  
Transplantation Biology Dept  
1124 Columbia; Mailstop M318  
Seattle, WA 98104, USA  
e-mail: eostrander@fred.hncrc.org  
PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)  
PCR Profile: Denaturation: 94 degrees C for 1.00 minute  
Annealing: 55 or 59 degrees C for 0.45 minutes  
Polymerization: 74 degrees C for 1.00 minutes  
PCR Cycles: 33  
Final Extension: 74 degrees C for 5.00 minutes.  
FEATURES  
source 1..22  
/organism="Canis familiaris"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9615"  
/cvsu\_type="spleen"  
/dev\_stage="adult"  
/cvsu\_lib="E. Ostrander, in pbluescript+"  
primer\_bind 1..22

Query Match 0.4%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 1.7e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2809 AAAATGAAAGAGAACTGACGG 2830  
Db 1 AAAATGAAAGAGAGAGAGGG 22

RESULT 79  
LOCUS AX533637/C 25 bp DNA linear PAT 22-NOV-2002  
DEFINITION Sequence 3146 from Patent EP1239051.  
ACCESSION AX533637  
VERSION AX533637.1 GI:25259025  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE 1  
AUTHORS Shannon, M.  
TITLE Human posh-1-like protein 1  
JOURNAL Patent: EP 1239051-A 3146 11-SEP-2002;  
Neomica, Inc. (US)  
FEATURES  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 18.8; DB 1; Length 25;  
Best Local Similarity 90.9%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 814 TGCCGCTGAGAGAGACAC 835  
DB 25 TGCCCTGTGAGAGACGAGACAC 4

RESULT 80  
AX533638/c 25 bp DNA linear PAT 22-NOV-2002  
LOCUS Sequence 3147 from Patent EP1239051.  
DEFINITION AX533638  
ACCESSION AX533638  
VERSION AX533638.1 GI:25259027  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Shannon, M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 3147 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 18.8; DB 1; Length 25;  
Best Local Similarity 90.9%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 814 TGCCGCTGAGAGAGACAC 835  
DB 23 TGCCCTGTGAGAGACGAGACAC 2

RESULT 82  
AX533640/c

LOCUS AX533640 25 bp DNA linear PAT 22-NOV-2002  
DEFINITION Sequence 3149 from Patent EP1239051.  
ACCESSION AX533640  
VERSION AX533640.1 GI:25259031  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Shannon, M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 3149 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 18.8; DB 1; Length 25;  
Best Local Similarity 90.9%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 814 TGCCGCTGAGAGAGACAC 835  
DB 22 TGCCCTGTGAGAGACGAGACAC 1

RESULT 83  
E28852 26 bp DNA linear PAT 18-JUN-2001  
LOCUS Process for preparing primer.  
DEFINITION E28852  
ACCESSION E28852  
VERSION E28852.1 GI:13020899  
KEYWORDS JP 199266867-A/4.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 26)  
AUTHORS Susumu, G., Yoshikazu, K. and Minoru, H.  
TITLE Process for preparing primer  
JOURNAL Patent: JP 199266867-A 4 05-OCT-1999;  
CHUGAI SHINDAN KAGAKU KK  
COMMENT OS Unidentified  
FN JP 199266867-A/4  
PD 05-OCT-1999  
PR 24-MAR-1998 JP 1998075579  
PI SUSUMU GOTO, YOSHICAZU KAMISANGO, MINORU HIROSE PC  
C12N15/09, C12Q1/68, C12N15/00  
CC Topology: Linear;  
FH Key Location/Qualifiers  
FT source 1..26  
/organism="Unidentified".  
FEATURES Location/Qualifiers  
source 1..26  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.4%; Score 18.8; DB 1; Length 26;  
Best Local Similarity 90.9%; Pred. No. 2.2e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 276 CTCTTCTCTCTCTCTCTG 297  
DB 1 CTCTCTCTCTCTCTCTCTAG 22

RESULT 84  
AR142456/c 28 bp DNA linear PAT 08-AUG-2001  
LOCUS AR142456

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DEFINITION Sequence 1 from patent US 6175002.
ACCESSION AR142456
VERSION AR142456.1 GI:15102755
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 28)
AUTHORS Dubridge,R.B., Albrecht,G., Brenner,S., Gryaznov,S.M. and
McCurdy,S.N.
TITLE Adaptor-based sequence analysis
JOURNAL Patent: US 6175002-A 1 16-JAN-2001;
FEATURES
    source
        1..28
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
    0.4%; Score 18.8; DB 1; Length 28;
Best Local Similarity 90.9%; Pred. No. 2.4e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 276 CTCCTCTCTCTCTCTCTCTG 297
DB 28 CTCCTCTCTCTCTCTCTCTAG 7

RESULT 85
LOCUS BD083501 28 bp DNA linear PAT 27-AUG-2002
DEFINITION Improvements in adaptor-based sequence analysis.
ACCESSION BD083501
VERSION BD083501.1 GI:22629111
KEYWORDS JP 2001521389-A/1.
SOURCE JP 2001521389-A/1.
ORGANISM Synthetic construct
REFERENCE 1 (bases 1 to 28)
AUTHORS Dubridge,R.B., Albrecht,G., Brenner,S., Gryaznov,S.M. and
McCurdy,S.N.
TITLE Improvements in adaptor-based sequence analysis
JOURNAL Patent: JP 2001521389-A 1 06-NOV-2001;
COMMENT LYNX THERAPEUTICS INC
PN JP 2001521389-A/1
PF 06-NOV-2001
PR 14-APR-1998 JP 1998544260
PR 15-APR-1997 US 08/842608
PI ROBERT B DUBRIDGE,GLENN ALBRECHT,SYDNEY BRENNER,SERGEI M PI
GRYAZNOV,
PI SARAH N MCCURDY
PC C07H21/04,C12Q1/68
CC Strandedness: Double;
CC Topology: Linear;
FH Key Location/Qualifiers.
FEATURES
    source
        1..28
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match
    0.4%; Score 18.8; DB 1; Length 28;
Best Local Similarity 90.9%; Pred. No. 2.4e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 276 CTCCTCTCTCTCTCTCTCTG 297
DB 28 CTCCTCTCTCTCTCTCTCTAG 7

RESULT 86
LOCUS CO627954 25 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 12694 from Patent WO0192524.
ACCESSION CO627954

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VERSION CO627954.1 GI:41678172
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Mammalia; Eutheria; Plimates; Carnathini; Homnidae; Homo.
REFERENCE 1
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 12694 06-DEC-2001;
FEATURES
    source
        1..25
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match
    0.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.2e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1663 GCCAGCTCTGCGAGCATGAGAA 1687
DB 1 GCCAGCTTCAGCAGCATGAGCA 25

RESULT 87
LOCUS AR469017 25 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 12694 from patent US 6686188.
ACCESSION AR469017
VERSION AR469017.1 GI:42704074
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE polynucleotide encoding a human myosin-like polypeptide expressed
predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 12694 03-FEB-2004;
COMMENT Location/Qualifiers
    source
        1..25
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match
    0.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.2e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1663 GCCAGCTCTGCGAGCATGAGAA 1687
DB 1 GCCAGCTTCAGCAGCATGAGCA 25

RESULT 88
LOCUS BD107437 27 bp DNA linear PAT 18-SEP-2002
DEFINITION Novel microstateellite DNA of pears.
ACCESSION BD107437
VERSION BD107437.1 GI:23202255
KEYWORDS JP 2002034562-A/46.
SOURCE JP 2002034562-A/46.
ORGANISM Synthetic construct
REFERENCE 1 (bases 1 to 27)
AUTHORS Yamamoto,T., Sawamura,Y., Matsuda,N. and Hayashi,K.
TITLE Novel microstateellite DNA of pears
JOURNAL Patent: JP 2002034562-A 46 05-FEB-2002;
COMMENT FRUIT TREE RES STATION
OS Artificial Sequence

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PN JP 2002034562-A/46  
 PD 05-FEB-2002  
 PF 21-JUL-2000 JP 2000220340  
 PI TOSHIBA YAMAMOTO, YUTAKA SAWAMURA, NAGAO MATSUDA, KENKI HAYASHI  
 PC C12N15/09, C12N15/00  
 CC Description of Artificial Sequence: Primer  
 FH 1  
 FT modified\_base (1):(2).  
 Location/Qualifiers  
 1..27  
 /organism="synthetic construct"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32630"

Query Match 0.4%; Score 18.6; DB 1; Length 27;  
 Best Local Similarity 90.5%; Pred. No. 2.5e+02;  
 Matches 19; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
 QY 269 CCTCTCTCTCTCTCTCTCT 289  
 DB 7 VCTCTCTCTCTCTCTCTCT 27

RESULT 89  
 AR084583/c  
 LOCUS AR084583 20 bp DNA linear PAT 01-SEP-2000  
 DEFINITION Sequence 72 from patent US 5981185.  
 ACCESSION AR084583  
 VERSION AR084583.1 GI:10011354  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unclassified.  
 REFERENCE 1 (bases 1 to 20)  
 MATSON,R.S., COASSIN,P.J., RAMPAL,J.B. and CAEKEY,C.Thomas.  
 TITLE Oligonucleotide repeat arrays  
 JOURNAL Patent: US 5981185-A 72 09-NOV-1999;  
 FEATURES  
 SOURCE 1..20  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 18.4; DB 1; Length 20;  
 Best Local Similarity 95.0%; Pred. No. 1.7e+02;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 270 CTCTCTCTCTCTCTCTCT 289  
 DB 20 CTCTCTCTCTCTCTCTCT 1

RESULT 90  
 AR084604  
 LOCUS AR084604 20 bp DNA linear PAT 01-SEP-2000  
 DEFINITION Sequence 93 from patent US 5981185.  
 ACCESSION AR084604  
 VERSION AR084604.1 GI:10011375  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unclassified.  
 REFERENCE 1 (bases 1 to 20)  
 MATSON,R.S., COASSIN,P.J., RAMPAL,J.B. and CAEKEY,C.Thomas.  
 TITLE Oligonucleotide repeat arrays  
 JOURNAL Patent: US 5981185-A 93 09-NOV-1999;  
 FEATURES  
 SOURCE 1..20  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 18.4; DB 1; Length 20;  
 Best Local Similarity 95.0%; Pred. No. 1.7e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 270 CTCTCTCTCTCTCTCTCT 289  
 DB 1 CTCTCTCTCTCTCTCTCT 20

RESULT 91  
 BD228445  
 LOCUS BD228445 20 bp DNA linear PAT 17-JUL-2003  
 DEFINITION IL-17 homologous polypeptide and its application to remedy.  
 ACCESSION BD228445  
 VERSION BD228445.1 GI:33038215  
 KEYWORDS JP 2002515246-A/40.  
 SOURCE unidentified  
 ORGANISM unidentified  
 REFERENCE 1 (bases 1 to 20)  
 CHEN,J., FILVAROFF,E., GODDARD,A., GURNEY,A.L., LI,H. and WOOD,W.I.  
 TITLE IL-17 homologous polypeptide and its application to remedy  
 JOURNAL Patent: JP 2002515246-A 40 28-MAY-2002;  
 COMMENT GENE TECH INC  
 OS unidentified  
 PN JP 2002515246-A/40  
 PD 28-MAY-2002  
 PR 15-MAY-1998 JP 2000549734  
 PR 60/085579, 23-DEC-1998 US 60/113621 PI  
 JIAN CHEN, EILEEN FILVAROFF, AUDLEY GODDARD, AUSTIN L. GURNEY, PI  
 HANZHONG LI,  
 WILLIAM I WOOD  
 PC C12N15/09, A61K38/21, A61P19/00, C07K14/52, C07K16/24,  
 PC C07K19/00  
 PC C12N1/19, C12N1/21, C12N5/10, C12P21/02, C12P21/08, C12Q1/00 PC  
 , C12Q1/68, C12N15/00,  
 PC A61K37/66, C12N5/00  
 CC Strandedness: Single;  
 CC Topology: linear;  
 CC IL-17 homologous polypeptide and its application to remedy FH  
 KEY Location/Qualifiers  
 FT source 1..20  
 /organism="unidentified".  
 Location/Qualifiers  
 1..20  
 /organism="unidentified"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 18.4; DB 1; Length 20;  
 Best Local Similarity 95.0%; Pred. No. 1.7e+02;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 269 CCTCTCTCTCTCTCTCTCT 288  
 DB 1 CCTCTCTCTCTCTCTCTCT 20

RESULT 92  
 I16926  
 LOCUS I16926 20 bp DNA linear PAT 03-APR-1996  
 DEFINITION Sequence 1 from patent US 5482836.  
 ACCESSION I16926  
 VERSION I16926.1 GI:1251834  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unclassified.  
 REFERENCE 1 (bases 1 to 20)  
 CANTOR,C.R., ITO,T. and SMITH,C.L.  
 TITLE DNA purification by triplex-affinity capture and affinity capture  
 JOURNAL electrophoresis  
 PATENT: US 5482836-A 1 09-JAN-1996;  
 FEATURES  
 SOURCE 1..20  
 Location/Qualifiers

Query Match 0.3%; Score 18.4; DB 1; Length 20;  
 Best Local Similarity 95.0%; Pred. No. 1.7e+02;

/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.7e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 271 TCTCTCTCTTCTCTCTC 290  
DB 1 TCTCTCTCTCTCTCTCTC 20

RESULT 93  
LOCUS AR359670 20 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 40 from Patent US 6593456.  
ACCESSION AR359670  
VERSION AR359670.1 GI:33766414  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Gatanaga,T. and Granger,G.A.  
TITLE Tumor necrosis factor receptor releasing enzyme  
JOURNAL Patent: US 6593456-A 40 15-JUL-2003;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.7e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 269 CCTCTCTCTCTCTCTCTC 288  
DB 1 CCTCTCTCTCTCTCTCTC 20

RESULT 94  
LOCUS A64736 21 bp DNA linear PAT 29-MAR-1999  
DEFINITION Sequence 2 from Patent WO9729116.  
ACCESSION A64736  
VERSION A64736.1 GI:4530772  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1  
AUTHORS Reese,C.B. and Rao,M.V.  
TITLE SULPHUR CONTAINING DINUCLEOTIDE PHOSPHORAMIDITES  
JOURNAL Patent: WO 9729116-A 2 14-AUG-1997;  
FEATURES  
source 1. .21  
Location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 18.4; DB 1; Length 21;  
Best Local Similarity 95.0%; Pred. No. 1.9e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 270 CTCTCTCTCTTCTCTCTC 289  
DB 1 CTCTCTCTCTCTCTCTCT 20

RESULT 95  
LOCUS A64739 21 bp DNA linear PAT 16-OCT-1999

DEFINITION Sequence 5 from Patent WO9729116.  
ACCESSION A64739  
VERSION A64739.1 GI:4530775  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1  
AUTHORS Reese,C.B. and Rao,M.V.  
TITLE SULPHUR CONTAINING DINUCLEOTIDE PHOSPHORAMIDITES  
JOURNAL Patent: WO 9729116-A 5 14-AUG-1997;  
FEATURES  
source 1. .21  
Location/Qualifiers  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

modified\_base 2  
/mod\_base=OTHER  
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/mod\_base=OTHER  
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/mod\_base=OTHER  
modified\_base 14  
/mod\_base=OTHER  
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/mod\_base=OTHER  
modified\_base 18  
/mod\_base=OTHER  
modified\_base 20  
/mod\_base=OTHER

Query Match 0.3%; Score 18.4; DB 1; Length 21;  
Best Local Similarity 95.0%; Pred. No. 1.9e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 270 CTCTCTCTCTTCTCTCTC 289  
DB 1 CTCTCTCTCTCTCTCTCT 20

RESULT 96  
LOCUS I16927 27 bp DNA linear PAT 03-APR-1996  
DEFINITION Sequence 2 from patent US 5482836.  
ACCESSION I16927  
VERSION I16927.1 GI:1251835  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 27)  
AUTHORS Cantor,C.R., Ito,T. and Smith,C.L.  
TITLE DNA purification by triplex-affinity capture and affinity capture  
JOURNAL Patent: US 5482836-A 2 09-JAN-1996;  
FEATURES  
source 1. .27  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 18.4; DB 1; Length 27;  
Best Local Similarity 95.0%; Pred. No. 2.7e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 269 CCTCTCTCTCTTCTCTCTC 288



Db 8 CCTCTCTCTCTCTCTCTC 27

RESULT 97

AR382160/c 28 bp DNA linear PAT 18-DEC-2003

LOCUS AR382160

DEFINITION Sequence 7 from patent US 6610481.

ACCESSION AR382160

VERSION AR382160.1 GI:40090569

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 28)

AUTHORS Koch,J.E.

TITLE Cascade nucleic acid amplification reaction

JOURNAL Patent: US 6610481-A 7 26-AUG-2003;

FEATURES Location/Qualifiers

source 1..28

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 18.4; DB 1; Length 28;

Best Local Similarity 78.6%; Pred. No. 2.9e+02;

Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCTGC 298

Db 28 TTCTCTCTCTCTCTCTCTCTCTCTTC 1

RESULT 98

AR382161 28 bp DNA linear PAT 18-DEC-2003

LOCUS AR382161

DEFINITION Sequence 8 from patent US 6610481.

ACCESSION AR382161

VERSION AR382161.1 GI:40090570

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 28)

AUTHORS Koch,J.E.

TITLE Cascade nucleic acid amplification reaction

JOURNAL Patent: US 6610481-A 8 26-AUG-2003;

FEATURES Location/Qualifiers

source 1..28

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 18.4; DB 1; Length 28;

Best Local Similarity 78.6%; Pred. No. 2.9e+02;

Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCTGC 298

Db 1 TTCTCTCTCTCTCTCTCTCTCTCTTC 28

RESULT 99

AX184200 28 bp DNA linear PAT 06-AUG-2001

LOCUS AX184200

DEFINITION Sequence 1953 from Patent W00142511.

ACCESSION AX184200

VERSION AX184200.1 GI:15135543

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 25)

AUTHORS Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

TITLE Daily,M., Hudson,T.J., Lander,E.S., Floux,J. and Siminovitch,K.

JOURNAL Ibd-related polymorphisms

REFERENCE 1

AUTHORS Daily,M., Hudson,T.J., Lander,E.S., Floux,J. and Siminovitch,K.

TITLE Ibd-related polymorphisms

JOURNAL Patent: WO 0142511-A 1953 14-JUN-2001;

WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipse

Biotherapeutics Corporation (CA)

FEATURES Location/Qualifiers

source 1..28

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 18.4; DB 1; Length 28;

Best Local Similarity 90.5%; Pred. No. 2.9e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCT 291

Db 3 TCTCTCTCTCTCTCTCTCTCT 23

RESULT 100

AX292593/c 24 bp DNA linear PAT 21-NOV-2001

LOCUS AX292593

DEFINITION Sequence 4355 from Patent W00179548.

ACCESSION AX292593

VERSION AX292593.1 GI:17054276

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1

AUTHORS Barany,F., Zivri,M., Gerry,N.P., Favis,R. and Kljman,R.

TITLE Method of designing addressable array for detection of nucleic acid

JOURNAL sequence differences using ligase detection reaction

Patent: WO 0179548-A 4355 25-OCT-2001;

FEATURES CORNELL RESEARCH FOUNDATION, INC. (US)

source 1..24

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 18.2; DB 1; Length 24;

Best Local Similarity 87.0%; Pred. No. 2.5e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 559 AGGAGCTGCTTCCAGGACAGGC 581

Db 24 AGGTGCTGCTTGTGTCGACAGGC 2

RESULT 101

AR028113/c 25 bp DNA linear PAT 29-SEP-1999

LOCUS AR028113

DEFINITION Sequence 3 from patent US 5858649.

ACCESSION AR028113

VERSION AR028113.1 GI:5940086

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 25)

AUTHORS Aggari,M., Blich,M., Bresser,J., Cabbage,M.Lee. and Prashed,N.

TITLE Amplification of mRNA for distinguishing fetal cells in maternal

JOURNAL blood

Patent: US 5858649-A 3 12-JAN-1999;

FEATURES Location/Qualifiers

source 1..25

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 25;

Best Local Similarity 87.0%; Pred. No. 2.7e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3918 CCGAGCGCGCGCGCGCTGCC 3940  
Db 24 CCGCGCGCGCGCGCGCGCGCC 2

RESULT 102  
LOCUS AR030289/c 25 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 3 from patent US 5861253.  
ACCESSION AR030289  
VERSION AR030289.1 GI:5943503  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Asgari,M., Blicik,M., Bresser,J., Cubbage,M.Lee, and Prashad,N.  
TITLE Intracellular antigens for identifying fetal cells in maternal blood  
JOURNAL Patent: US 5861253-A 3 19-JAN-1999;  
FEATURES  
source location/Qualifiers  
1..25  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3918 CCGAGCGCGCGCGCGCTGCC 3940  
Db 24 CCGCGCGCGCGCGCGCGCGCC 2

RESULT 103  
LOCUS CO627952 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 12692 from Patent WO0192524.  
ACCESSION CO627952  
VERSION CO627952.1 GI:41678170  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 12692 06-DEC-2001;  
FEATURES  
source location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1663 GCCAGCTCTGCAGCAGATGAAG 1685  
Db 3 GCCAGCTTCAGCAGCAGCTGAAG 25

RESULT 104  
LOCUS CO627953 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 12693 from Patent WO0192524.  
ACCESSION CO627953  
VERSION CO627953.1 GI:41678171

KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 12693 06-DEC-2001;  
FEATURES  
source location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1663 GCCAGCTCTGCAGCAGATGAAG 1685  
Db 2 GCCAGCTTCAGCAGCAGCTGAAG 24

RESULT 105  
LOCUS I42108/c 25 bp DNA linear PAT 07-OCT-1997  
DEFINITION Sequence 3 from patent US 5629147.  
ACCESSION I42108  
VERSION I42108.1 GI:2467603  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Asgari,M., Blicik,M., Bresser,J., Cubbage,M.L. and Prashad,N.  
TITLE Enriching and identifying fetal cells in maternal blood for in situ hybridization  
JOURNAL Patent: US 5629147-A 3 13-MAY-1997;  
FEATURES  
source location/Qualifiers  
1..25  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3918 CCGAGCGCGCGCGCGCTGCC 3940  
Db 24 CCGCGCGCGCGCGCGCGCGCC 2

RESULT 106  
LOCUS AR469015 25 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 12692 from patent US 6686188.  
ACCESSION AR469015  
VERSION AR469015.1 GI:42704072  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 12692 03-FEB-2004;  
FEATURES  
source location/Qualifiers  
1..25

/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1663 GCCAGCTCTGCAGCATGATGAAG 1685  
|||||  
DB 3 GCCAGCTTACAGCAGCAGCTGAAG 25

RESULT 107  
AR469016 25 bp DNA linear PAT 20-FEB-2004  
LOCUS  
DEFINITION Sequence 12693 from patent US 6686188.  
ACCESSION AR469016 GI:42704073  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM Unknown.

REFERENCE  
AUTHORS 1 (bases 1 to 25)  
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed  
predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 12693 03-FEB-2004;  
FEATURES  
SOURCE Location/Qualifiers  
1. .25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1663 GCCAGCTCTGCAGCATGATGAAG 1685  
|||||  
DB 2 GCCAGCTTACAGCAGCAGCTGAAG 24

RESULT 108  
AX745591/c 25 bp DNA linear PAT 14-MAY-2003  
LOCUS  
DEFINITION Sequence 1556 from Patent WO03031621.  
ACCESSION AX745591  
VERSION AX745591.1 GI:30724258  
KEYWORDS  
SOURCE  
ORGANISM Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS 1  
Zhang,J.  
TITLE A human G protein coupled receptor  
JOURNAL Patent: WO 03031621-A 1556 17-APR-2003;  
JOURNAL Amerisham Biosciences (SV) Corp. (US)  
FEATURES  
SOURCE Location/Qualifiers  
1. .25  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4416 AATAATATATATATATATATATAT 4438  
|||||  
DB 25 AATAATATATCAATCATATATAT 3

RESULT 109  
AX745595/c 25 bp DNA linear PAT 14-MAY-2003  
LOCUS  
DEFINITION Sequence 1560 from Patent WO03031621.  
ACCESSION AX745595  
VERSION AX745595.1 GI:30724262  
KEYWORDS  
SOURCE  
ORGANISM Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

## REFERENCE

AUTHORS 1  
Zhang,J.  
TITLE A human G protein coupled receptor  
JOURNAL Patent: WO 03031621-A 1560 17-APR-2003;  
JOURNAL Amerisham Biosciences (SV) Corp. (US)  
FEATURES  
SOURCE Location/Qualifiers  
1. .25  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4414 AATAATATATATATATATATATAT 4436  
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DB 23 AATAATATATCAATCATATATAT 1

RESULT 110  
AX003685/c 26 bp DNA linear PAT 24-AUG-2000  
LOCUS  
DEFINITION Sequence 5 from Patent WO925871.  
ACCESSION AX003685  
VERSION AX003685.1 GI:9927472  
KEYWORDS  
SOURCE  
ORGANISM  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS 1  
Joly,E.L.  
TITLE Methods and means for mutagenesis of dna  
JOURNAL Patent: WO 9925871-A 5 27-MAY-1999;  
JOURNAL BBRHAM INST (GB); JOLY ETBENNE LOCIENT DANIEL (GB)  
FEATURES  
SOURCE Location/Qualifiers  
1. .26  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"

Query Match 0.3%; Score 18.2; DB 1; Length 26;  
Best Local Similarity 87.0%; Pred. No. 2.8e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1512 GAGGACAAAGTTCTACAGCCACAA 1534  
|||||  
DB 23 GAGTACAACTTCAACAGCCACAA 1

RESULT 111  
AX083691 21 bp DNA linear PAT 28-FEB-2001  
LOCUS  
DEFINITION Sequence 5 from Patent WO0110468.  
ACCESSION AX083691  
VERSION AX083691.1 GI:13185419  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
synthetic construct  
synthetic construct  
artificial sequences.

AUTHORS Papilov, M.I.  
 TITLE Drug-carrier complexes and methods of use thereof  
 JOURNAL Patent: WO 010468-A 5 15-FEB-2001;  
 THE GENERAL HOSPITAL CORPORATION (US)  
 FEATURES Location/Qualifiers  
 source 1..21  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Synthetic Oligonucleotide"

Query Match 0.3%; Score 17.8; DB 1; Length 21;  
 Best Local Similarity 90.5%; Pred. No. 2.4e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 271 TCTCTCTCTCTCTCTCTCT 291  
 Db 1 TTTCTCTCTCTCTCTCTCT 21

RESULT 112  
 LOCUS AX083696 21 bp DNA linear PAT 28-FEB-2001  
 DEFINITION Sequence 10 from Patent WO0110468.  
 ACCESSION AX083696  
 VERSION AX083696.1 GI:13185424  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Papilov, M.I.  
 TITLE Drug-carrier complexes and methods of use thereof  
 JOURNAL Patent: WO 010468-A 10 15-FEB-2001;  
 THE GENERAL HOSPITAL CORPORATION (US)  
 FEATURES Location/Qualifiers  
 source 1..21  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Synthetic Oligonucleotide"

Query Match 0.3%; Score 17.8; DB 1; Length 21;  
 Best Local Similarity 90.5%; Pred. No. 2.4e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 Qy 271 TCTCTCTCTCTCTCTCTCT 291  
 Db 1 TTTCTCTCTCTCTCTCTCTCT 21

RESULT 113  
 LOCUS AX696117 21 bp DNA linear PAT 31-MAR-2003  
 DEFINITION Sequence 16 from Patent WO03008640.  
 ACCESSION AX696117  
 VERSION AX696117.1 GI:29419277  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
 REFERENCE 1  
 AUTHORS Whitaker, P.A., Meyers, D.A., Postma, D.S. and Bleeker, E.R.  
 TITLE Acthma-associated gene  
 JOURNAL Patent: WO 03008640-A 16 30-JAN-2003;  
 Novartis AG (CH) ; Novartis Pharma GmbH (AT) ; Wake Forest  
 University Health Sciences (US) ; Rijksuniversiteit te Groningen  
 (NL)

FEATURES Location/Qualifiers  
 source 1..21  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 17.8; DB 1; Length 21;  
 Best Local Similarity 90.5%; Pred. No. 2.4e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4152 CCTCTGCTGCTGCTCTCTCT 4172  
 Db 1 CCTCTGCTGCTGCTCTCTCT 21

RESULT 114  
 LOCUS AX083692 22 bp DNA linear PAT 28-FEB-2001  
 DEFINITION Sequence 6 from Patent WO0110468.  
 ACCESSION AX083692  
 VERSION AX083692.1 GI:13185420  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Papilov, M.I.  
 TITLE Drug-carrier complexes and methods of use thereof  
 JOURNAL Patent: WO 010468-A 6 15-FEB-2001;  
 THE GENERAL HOSPITAL CORPORATION (US)  
 FEATURES Location/Qualifiers  
 source 1..22  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Synthetic Oligonucleotide"

Query Match 0.3%; Score 17.8; DB 1; Length 22;  
 Best Local Similarity 90.5%; Pred. No. 2.6e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 Qy 271 TCTCTCTCTCTCTCTCTCT 291  
 Db 21 TTTCTCTCTCTCTCTCTCTCT 1

RESULT 115  
 LOCUS ATH521535 23 bp DNA linear PLN 29-MAR-2003  
 DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone  
 271A09.  
 ACCESSION AJ521535  
 VERSION AJ521535.1 GI:26789771  
 KEYWORDS left border; T-DNA flanking sequence.  
 SOURCE Arabidopsis thaliana (thale cress)  
 ORGANISM Arabidopsis thaliana  
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;  
 rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsids.

REFERENCE 1  
 AUTHORS Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, F.,  
 Chauvin, S., Bechard, N., Cruaud, C., Derose, R., Pelletier, G.,  
 Lepoint, L., Caboche, M. and Lecharny, A.  
 TITLE T-DNA integration into the Arabidopsis genome depends on sequences  
 of pre-insertion sites  
 JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)

MEDLINE 22363535  
 PUBMED 12446565  
 REFERENCE 2 (bases 1 to 23)  
 AUTHORS Balzerque, S.

COMMENT Direct Substitution  
 Submitted (21-NOV-2002) Balzerque S., UMRGV, INRA/CNRS, 2 rue  
 Gaston Cremieux, 91057 Evry cedex, FRANCE  
 PCR was performed on DNA from transformants of Arabidopsis thaliana  
 plants from INRA (Versailles). The DNA fragment(s) resulting from  
 the PCR were directly sequenced from the left or the right border  
 to determine the genomic sequence flanking the insertion. T-DNA

derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (<http://www.genoplante.com> and <http://genoplante-info.infobiogen.fr>).

FEATURES  
source  
1..23  
location/Qualifiers

/organism="Arabidopsis thaliana"  
/mol\_type="genomic DNA"  
/cultivar="Massillawskija"  
/db\_xref="taxon:3702"  
/clone="271A09"  
/clone\_lib="Arabidopsis thaliana T-DNA insertion lines"

misc\_feature  
1..23  
/note="T-DNA flanking sequence  
left border"

Query Match 0.3%; Score 17.8; DB 1; Length 23;

Best Local Similarity 90.5%; Pred. No. 2.8e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4416 AATATATATTTAATATAT 4436

DB 1 AATATATATTTAATATAT 21

RESULT 116

CO619536

LOCUS CO619536 25 bp DNA linear PAT 02-FEB-2004

DEFINITION Sequence 4276 from Patent WO0192524.

ACCESSION CO619536

VERSION CO619536.1 GI:41669754

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM

REFERENCE 1 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 4276 06-DEC-2001;

FEATURES

source  
1..25  
location/Qualifiers

/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17.8; DB 1; Length 25;

Best Local Similarity 90.5%; Pred. No. 3.2e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 ACAAGAGGAAACATGGGCGC 789

DB 5 ATAAGAGGAAAGATGGGCGC 25

RESULT 117

CO619537

LOCUS CO619537 25 bp DNA linear PAT 02-FEB-2004

DEFINITION Sequence 4277 from Patent WO0192524.

ACCESSION CO619537

VERSION CO619537.1 GI:41669755

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM

REFERENCE 1 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and

Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 4277 06-DEC-2001;

FEATURES

source  
1..25  
location/Qualifiers

/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17.8; DB 1; Length 25;

Best Local Similarity 90.5%; Pred. No. 3.2e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 ACAAGAGGAAACATGGGCGC 789

DB 4 ATAAGAGGAAAGATGGGCGC 24

RESULT 118

CO619538

LOCUS CO619538 25 bp DNA linear PAT 02-FEB-2004

DEFINITION Sequence 4278 from Patent WO0192524.

ACCESSION CO619538

VERSION CO619538.1 GI:41669756

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM

REFERENCE 1 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 4278 06-DEC-2001;

FEATURES

source  
1..25  
location/Qualifiers

/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17.8; DB 1; Length 25;

Best Local Similarity 90.5%; Pred. No. 3.2e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 ACAAGAGGAAACATGGGCGC 789

DB 3 ATAAGAGGAAAGATGGGCGC 23

RESULT 119

CO619539

LOCUS CO619539 25 bp DNA linear PAT 02-FEB-2004

DEFINITION Sequence 4279 from Patent WO0192524.

ACCESSION CO619539

VERSION CO619539.1 GI:41669757

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM

REFERENCE 1 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 4279 06-DEC-2001;

FEATURES

source  
1..25  
location/Qualifiers

/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"



JOURNAL Predominantly in heart and muscle  
 Patent: US 6686188-A 4279 03-FEB-2004;  
 FEATURES Location/Qualifiers  
 source 1..25  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 25;  
 Best Local Similarity 90.5%; Pred. No. 3.2e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 ACAAGAGAAACATGGGCG 789  
 Db 2 ATAGAGAGAAAGATGGGCG 22

RESULT 125  
 LOCUS AR460603 25 bp DNA linear PAT 20-FEB-2004  
 DEFINITION Sequence 4280 from patent US 6686188.  
 ACCESSION AR460603  
 VERSION AR460603.1 GI:42695660  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE  
 AUTHORS 1 (bases 1 to 25)  
 Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
 Shannon,M.B.

TITLE Polynucleotide encoding a human myosin-like polypeptide expressed  
 predominantly in heart and muscle  
 Patent: US 6686188-A 4280 03-FEB-2004;  
 Location/Qualifiers

JOURNAL  
 FEATURES 1..25  
 source /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 25;  
 Best Local Similarity 90.5%; Pred. No. 3.2e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 ACAAGAGAAACATGGGCG 789  
 Db 1 ATAGAGAGAAAGATGGGCG 21

RESULT 126  
 LOCUS AX533636 25 bp DNA linear PAT 22-NOV-2002  
 DEFINITION Sequence 3145 from Patent EP1239051.  
 ACCESSION AX533636  
 VERSION AX533636.1 GI:25259023  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens

REFERENCE  
 AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
 1

TITLE Shannon,M.  
 JOURNAL Human posh-like protein 1  
 Patent: EP 1239051-A 3145 11-SEP-2002;  
 Location/Qualifiers

FEATURES  
 source 1..25  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 17.8; DB 1; Length 25;  
 Best Local Similarity 90.5%; Pred. No. 3.2e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 815 GCCCTGAGAGAGACAC 835

Db 25 GCCCTGAGAGAGACAC 5

RESULT 127  
 LOCUS AX533641 25 bp DNA linear PAT 22-NOV-2002  
 DEFINITION Sequence 3150 from Patent EP1239051.  
 ACCESSION AX533641  
 VERSION AX533641.1 GI:25259033  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens

REFERENCE  
 AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
 1

TITLE Shannon,M.  
 JOURNAL Human posh-like protein 1  
 Patent: EP 1239051-A 3150 11-SEP-2002;  
 Location/Qualifiers

FEATURES  
 source 1..25  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 17.8; DB 1; Length 25;  
 Best Local Similarity 90.5%; Pred. No. 3.2e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 814 TGCGCTGAGAGAGAC 834  
 Db 21 TGCGCTGAGAGAGAC 1

RESULT 128  
 LOCUS A47230 24 bp DNA linear PAT 07-MAR-1997  
 DEFINITION Sequence 4 from Patent WO9530000.  
 ACCESSION A47230  
 VERSION A47230.1 GI:2301261  
 KEYWORDS  
 SOURCE unidentified  
 ORGANISM unidentified

REFERENCE  
 AUTHORS 1 (bases 1 to 24)  
 Clark,A.J.

TITLE DNA SEQUENCES  
 JOURNAL Patent: WO 9530000-A 4 09-NOV-1995;  
 BIOTECHNOLOGY AND BIOLOG SCIEN (GB)  
 Other publication AU 2317095 951129.  
 Location/Qualifiers

COMMENT 1..24  
 source /organism="unidentified"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
 Best Local Similarity 83.3%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2830 GCGAGCTGCTGAGAGTTGGTG 2853  
 Db 24 GCGAGCTGCTGAGAGTTGGTG 1

RESULT 129  
 LOCUS AX447494 24 bp DNA linear PAT 03-JUL-2002  
 DEFINITION Sequence 3949 from Patent WO0216649.  
 ACCESSION AX447494  
 VERSION AX447494.1 GI:21696393  
 KEYWORDS

SOURCE	synthetic construct			
ORGANISM	synthetic construct			
REFERENCE	artificial sequences.			
AUTHORS	1			
TITLE	Gunderson,K.			
JOURNAL	Probes and decoder oligonucleotides			
	Patent: WO 0216649-A 1949 28-FEB-2002;			
	Illumina, Inc. (US)			
FEATURES	location/Qualifiers			
source	1..24			
	/organism="synthetic construct"			
	/mol_type="unassigned DNA"			
	/db_xref="taxon:32630"			
	/note="Computer Generated Probe Sequence."			
Query Match	0.3%;	Score 17.6;	DB 1;	Length 24;
Best Local Similarity	83.3%;	Pred. NO. 3.3e+02;		
Matches	20;	Conservative	0;	Mismatches 4;
			Indels	0;
			Gaps	0;
OY	1487	CATTAGAAAGTCCAGATGGTTC	1510	
Db	24	CATTGGAAGCCCGCAGATGGTCC	1	
RESULT 130				
LOCUS	COG27955	25 bp	DNA	linear
DEFINITION	Sequence	12695	from Patent	WO0192524.
ACCESSION	COG27955			
VERSION	COG27955.1	GI:41678173		
KEYWORDS				
SOURCE	Homo sapiens (human)			
ORGANISM	Homo sapiens			
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;			
AUTHORS	Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.			
TITLE	1			
JOURNAL	Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and			
	Shannon,M.E.			
	Myosin-II like gene expressed in human heart and muscle			
	Patent: WO 0192524-A 12695 06-DEC-2001;			
FEATURES	Aeomica, Inc. (US)			
source	location/Qualifiers			
	1..25			
	/organism="Homo sapiens"			
	/mol_type="unassigned DNA"			
	/db_xref="taxon:9606"			
Query Match	0.3%;	Score 17.6;	DB 1;	Length 25;
Best Local Similarity	83.3%;	Pred. NO. 3.5e+02;		
Matches	20;	Conservative	0;	Mismatches 4;
			Indels	0;
			Gaps	0;
OY	1664	CCAGCTCTGCAGCATGTAAGAA	1687	
Db	1	CCAGCTTCAGCAGCGTGAAGCA	24	
RESULT 131				
LOCUS	AR274546	25 bp	mRNA	linear
DEFINITION	Sequence	11	from patent	US 6506593.
ACCESSION	AR274546			
VERSION	AR274546.1	GI:29707053		
KEYWORDS				
SOURCE	Unknown.			
ORGANISM	Unclassified.			
REFERENCE	1 (bases 1 to 25)			
AUTHORS	Mantyla,A., Palohelmo,M., Lantto,R., Fagerstrom,R., Lahtinen,T.,			
	Suominen,P. and Vehmanen,J.			
	Production and secretion of proteins of bacterial origin in			
	filamentous fungi			
	Patent: US 6506593-A 11 14-JAN-2003;			
JOURNAL	location/Qualifiers			
FEATURES				

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source
1..25
/organism="unknown"
/mol_type="mRNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3981 GGCGCGACTACCGCGACAACACC 4004
||| ||||| ||||| ||||| |||||
Db 2 GGTCGCGACAGCGCGACACCACC 25

RESULT 132
AR369737 25 bp mRNA linear PAT 12-SEP-2003
LOCUS AR369737
DEFINITION Sequence 11 from patent US 6300114.
ACCESSION AR369737
VERSION AR369737.1 GI:34606095
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 25)
Matulya,A., Palheimo,M., Lantto,R., Fagerstrom,R., Lahtinen,T.,
Suominen,P. and Vehmaapera,J.
Sequences of xylanase and xylanase expression vectors
Patent: US 6300114-A 11 09-OCT-2001;
location/Qualifiers
1..25
/organism="unknown"
/mol_type="mRNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3981 GGCGCGACTACCGCGACAACACC 4004
||| ||||| ||||| ||||| |||||
Db 2 GGTCGCGACAGCGCGACACCACC 25

RESULT 133
AR441843 25 bp mRNA linear PAT 20-FEB-2004
LOCUS AR441843
DEFINITION Sequence 11 from patent US 6667170.
ACCESSION AR441843
VERSION AR441843.1 GI:42668086
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 25)
Matulya,A., Palheimo,M., Lantto,R., Fagerstrom,R., Lahtinen,T.,
Suominen,P. and Vehmaapera,J.
Sequences of xylanase and xylanase expression vectors
Patent: US 6667170-A 11 22-DEC-2003;
location/Qualifiers
1..25
/organism="unknown"
/mol_type="mRNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3981 GGCGCGACTACCGCGACAACACC 4004
||| ||||| ||||| ||||| |||||
Db 2 GGTCGCGACAGCGCGACACCACC 25

RESULT 134
AR469018

```



LOCUS AR469018 25 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 12695 from patent US 6686188.  
ACCESSION AR469018  
VERSION AR469018.1 GI:42704075  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 12695 03-FEB-2004;  
FEATURES  
SOURCE Location/Qualifiers  
1..25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.5e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1664 CCAGCTCCTGCAGCAGTGAAGAA 1687  
Db 1 CCAGCTCAGCAGCAGCTGAAGCA 24

RESULT 135  
AX500915/c 25 bp DNA linear PAT 27-SEP-2002  
LOCUS AX500915  
DEFINITION Sequence 2222 from Patent EP1229046.  
ACCESSION AX500915  
VERSION AX500915.1 GI:23383208  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Zhan,J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 2222 07-AUG-2002;  
FEATURES  
SOURCE Location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.5e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 465 GGGTCTGGGGGCTGCTGGCGCC 488  
Db 25 GGGTCCCGGGGGTGGCTGCTGGCC 2

RESULT 136  
AX500916/c 25 bp DNA linear PAT 27-SEP-2002  
LOCUS AX500916  
DEFINITION Sequence 2223 from Patent EP1229046.  
ACCESSION AX500916  
VERSION AX500916.1 GI:23383209  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
TITLE Human testis expressed patched like protein  
JOURNAL Zhan,J.  
FEATURES  
SOURCE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 2223 07-AUG-2002;  
ACCESSION Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
SOURCE 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.5e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 465 GGGTCTGGGGGCTGCTGGCGCC 488  
Db 24 GGGTCCCGGGGGTGGCTGCTGGCC 1

RESULT 137  
AX533632/c 25 bp DNA linear PAT 22-NOV-2002  
LOCUS AX533632  
DEFINITION Sequence 3141 from Patent EP1239051.  
ACCESSION AX533632  
VERSION AX533632.1 GI:25259015  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Shannon,M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 3141 11-SEP-2002;  
FEATURES  
SOURCE Location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.5e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 819 CTGAGAGAGAGACACAGCGGAC 842  
Db 25 CTGAGAGAGAGACACAGCGGAC 2

RESULT 138  
AX533633/c 25 bp DNA linear PAT 22-NOV-2002  
LOCUS AX533633  
DEFINITION Sequence 3142 from Patent EP1239051.  
ACCESSION AX533633  
VERSION AX533633.1 GI:25259017  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 3142 11-SEP-2002;  
FEATURES  
SOURCE Location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.5e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 819 CTGAGAGAGAGACACAGCGGAC 842.  
 |||||  
 DB 24 CTGAGAGAGAGACACAGCGGAC 1

RESULT 139  
 LOCUS CQ795430 26 bp DNA linear PAT 19-APR-2004  
 DEFINITION Sequence 18 from Patent WO2004024927.  
 ACCESSION CQ795430  
 VERSION CQ795430.1 GI:46407520  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 REFERENCE 1  
 AUTHORS Gorr, G., Launhardt, H. and Berg, B.  
 TITLE Protein production method  
 JOURNAL Patent: WO 2004024927-A 18 25-MAR-2004;  
 Greenovation Biotech GmbH (DE)  
 FEATURES  
 source Location/Qualifiers  
 1..26  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Description of Artificial Sequence: 3'-primer  
 MOB349, indicated on page 19, lines 25-26"

Query Match 0.3%; Score 17.6; DB 1; Length 26;  
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;  
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 514 TGGTCCCTGCTGGAACCATGGCA 537  
 |||||  
 DB 25 TGGTCCAGCGCTGACCCATGGCA 2

RESULT 140  
 LOCUS CQ826553 26 bp DNA linear PAT 29-JUN-2004  
 DEFINITION Sequence 2 from Patent EP1431394.  
 ACCESSION CQ826553  
 VERSION CQ826553.1 GI:49455303  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 REFERENCE 1  
 AUTHORS Lienhart, O.  
 TITLE Method to produce heterologous glycosylated proteins in  
 JOURNAL bryophytes cells  
 Patent: EP 1431394-A 2 23-JUN-2004;  
 Greenovation Biotech GmbH (DE)  
 FEATURES  
 source Location/Qualifiers  
 1..26  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Description of Artificial Sequence: Primer sequence  
 MOB349"

Query Match 0.3%; Score 17.6; DB 1; Length 26;  
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;  
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 514 TGGTCCCTGCTGGAACCATGGCA 537  
 |||||  
 DB 25 TGGTCCAGCGCTGACCCATGGCA 2

RESULT 141  
 CQ831291/c

LOCUS CQ831291 26 bp DNA linear PAT 29-JUL-2004  
 DEFINITION Sequence 2 from Patent WO2004057002.  
 ACCESSION CQ831291  
 VERSION CQ831291.1 GI:50831311  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 REFERENCE 1  
 AUTHORS Reski, R., Decker, E., Koprivova, A., Gorr, G., Stemmer, C. and  
 Lienhart, O.  
 TITLE Production of heterologous glycosylated proteins in bryophyte cells  
 JOURNAL Patent: WO 2004057002-A 2 08-JUL-2004;  
 Greenovation Biotech GmbH (DE)  
 FEATURES  
 source Location/Qualifiers  
 1..26  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Description of Artificial Sequence: Primer sequence  
 MOB349"

Query Match 0.3%; Score 17.6; DB 1; Length 26;  
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;  
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 514 TGGTCCCTGCTGGAACCATGGCA 537  
 |||||  
 DB 25 TGGTCCAGCGCTGACCCATGGCA 2

RESULT 142  
 LOCUS AX577450 26 bp DNA linear PAT 08-JAN-2003  
 DEFINITION Sequence 420 from Patent WO02081742.  
 ACCESSION AX577450  
 VERSION AX577450.1 GI:27646787  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 REFERENCE 1  
 AUTHORS Burridge, J. M., Cleere, S. M., Stanger, C. P. and Windaes, J. D.  
 TITLE Method for the detection of cytochrome b mutations in fungi  
 JOURNAL Patent: WO 02081742-A 420 17-OCT-2002;  
 Syngenta Limited (GB)  
 FEATURES  
 source Location/Qualifiers  
 1..26  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Table 17 control primer #16"

Query Match 0.3%; Score 17.6; DB 1; Length 26;  
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;  
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4423 ATATTATATATATATGCGCACA 4446  
 |||||  
 DB 1 ATATTATATATATGCGCTACA 24

RESULT 143  
 LOCUS AX577451 26 bp DNA linear PAT 08-JAN-2003  
 DEFINITION Sequence 421 from Patent WO02081742.  
 ACCESSION AX577451  
 VERSION AX577451.1 GI:27646788  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 REFERENCE 1

Query Match 0.3%; Score 17.6; DB 1; Length 26;  
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;  
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

AUTHORS Burbidge,J.M., Cleere,S.M., Stanger,C.P. and Windass,J.D.  
TITLE Method for the detection of cytochrome b mutations in fungi  
JOURNAL Patent: WO 02081742-A 421 17-OCT-2002;  
Syngenta Limited (GB)

FEATURES  
source Location/Qualifiers  
1..26  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Table 17 control primer #17"

Query Match 0.3%; Score 17.6; DB 1; Length 26;  
Best Local Similarity 83.3%; Pred. No. 3.7e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4423 ATATTATATATATATATGCGCCACA 4446  
|||||  
1 ATATTATATATATATGATGGCTACA 24

RESULT 144  
LOCUS AX577452 26 bp DNA linear PAT 08-JAN-2003  
DEFINITION Sequence 422 from Patent WO02081742.  
ACCESSION AX577452  
VERSION AX577452.1 GI:27646789  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Burbidge,J.M., Cleere,S.M., Stanger,C.P. and Windass,J.D.  
TITLE Method for the detection of cytochrome b mutations in fungi  
JOURNAL Patent: WO 02081742-A 422 17-OCT-2002;  
Syngenta Limited (GB)

FEATURES  
source Location/Qualifiers  
1..26  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Table 17 control primer #18"

Query Match 0.3%; Score 17.6; DB 1; Length 26;  
Best Local Similarity 83.3%; Pred. No. 3.7e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4423 ATATTATATATATATGCGCCACA 4446  
|||||  
1 ATATTATATATATATGATGGCTACA 24

RESULT 145  
LOCUS AR026053 27 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 3 from patent US 5855885.  
ACCESSION AR026053  
VERSION AR026053.1 GI:5936893  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 27)  
AUTHORS Smith,R., McCafferty,J., Chiswell,D., Darsley,M.J., Fitzgerald,K.,  
Kenten,J.H., Martin,M.T., Tlmas,R.C. and Williams,R.O.  
TITLE Isolation and production of catalytic antibodies using phage  
technology  
JOURNAL Patent: US 5855885-A 3 05-JAN-1999;  
FEATURES location/Qualifiers  
1..27  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 27;

Best Local Similarity 83.3%; Pred. No. 3.9e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2907 CAGCACATCTCTATCAGCATCAG 2930  
|||||  
3 CCGCACATCATCATCAGCATCAG 26

RESULT 146  
LOCUS AR091115 27 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 1235 from patent US 5994076.  
ACCESSION AR091115  
VERSION AR091115.1 GI:10017870  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 27)  
AUTHORS Chenchik,A., Jokhadze,G. and Bibilashvili,R.  
TITLE Methods of assaying differential expression  
JOURNAL Patent: US 5994076-A 1235 30-NOV-1999;  
FEATURES location/Qualifiers  
1..27  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 27;  
Best Local Similarity 83.3%; Pred. No. 3.9e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1671 CTGACGAGTGAAGCAAGCAC 1694  
|||||  
4 CTGACGAGTGAAGCAAGTAC 27

RESULT 147  
LOCUS AR196464 27 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 929 from patent US 6350934.  
ACCESSION AR196464  
VERSION AR196464.1 GI:20245901  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 27)  
AUTHORS Zwick,M.G., Edington,B.E., McSwigen,J.A., Merlo,P., Ann.Owens.,  
Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.  
TITLE Nucleic acid encoding delta-9 desaturase  
JOURNAL Patent: US 6350934-A 929 26-FEB-2002;  
FEATURES location/Qualifiers  
1..27  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 27;  
Best Local Similarity 80.0%; Pred. No. 3.9e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 300 TGGTTCTGATGAGAGTTCTC 324  
|||||  
1 TGGCTTCTGATGAGAAATTTCTC 25

RESULT 148  
LOCUS AR198150 27 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 1235 from patent US 6352829.  
ACCESSION AR198150  
VERSION AR198150.1 GI:20247999  
KEYWORDS  
SOURCE Unknown.

ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 27)  
AUTHORS Chenchik, A., Johhadze, G. and Bibilashvili, R.  
TITLE Methods of assaying differential expression  
JOURNAL Patent: US 6352829-A 1235 05-MAR-2002;  
FEATURES  
source Location/Qualifiers  
1..27  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 27;  
Best Local Similarity 83.3%; Pred. No. 3.9e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1671 CTGCAGCATGAGAACAGCAC 1694  
Db 4 CTGAGCAGATGCAGCAAGTAC 27

RESULT 149  
LOCUS AR260304 27 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 1235 from patent US 6489455.  
ACCESSION AR260304  
VERSION AR260304.1 GI:27310815  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 27)  
AUTHORS Chenchik, A., Johhadze, G. and Bibilashvili, R.  
TITLE Methods of assaying differential expression  
JOURNAL Patent: US 6489455-A 1235 03-DEC-2002;  
FEATURES  
source Location/Qualifiers  
1..27  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 27;  
Best Local Similarity 83.3%; Pred. No. 3.9e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1671 CTGCAGCATGAGAACAGCAC 1694  
Db 4 CTGAGCAGATGCAGCAAGTAC 27

RESULT 150  
LOCUS BD107020 27 bp DNA linear PAT 18-SEP-2002  
DEFINITION Cell growth inhibitor.  
ACCESSION BD107020  
VERSION BD107020.1 GI:23201838  
KEYWORDS JP 2002010784-A/15.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 27)  
AUTHORS Nemiki, N., Suzuki, N., Tsunekawa, N., Kobayashi, S., Eguchi, H.,  
Koike, Y. and Washimi, Y.  
TITLE Cell growth inhibitor  
JOURNAL Patent: JP 2002010784-A 15 15-JAN-2002;  
FEATURES  
source Location/Qualifiers  
1..27  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 27;  
Best Local Similarity 83.3%; Pred. No. 3.9e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1671 CTGCAGCATGAGAACAGCAC 1694  
Db 4 CTGAGCAGATGCAGCAAGTAC 27

RESULT 151  
LOCUS CO619541 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 4281 from Patent WO0192524.  
ACCESSION CO619541  
VERSION CO619541.1 GI:41669759  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S. G., Hanzel, D. K., Rank, D. R., Chen, W. and  
Shannon, M. E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 4281 06-DEC-2001;  
FEATURES  
source Location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17.4; DB 1; Length 25;  
Best Local Similarity 94.7%; Pred. No. 3.8e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGAGGAAACATGGGCG 789  
Db 2 AAGAGGAAAGATGGGCG 20

RESULT 152  
LOCUS CO619542 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 4282 from Patent WO0192524.  
ACCESSION CO619542  
VERSION CO619542.1 GI:41669760  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S. G., Hanzel, D. K., Rank, D. R., Chen, W. and  
Shannon, M. E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 4282 06-DEC-2001;  
FEATURES  
source Location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"

PC C07K14/705, C07K16/28, C12P21/08, C12N15/00, A61K37/02 CC Cell  
growth inhibitor  
FH Key Location/Qualifiers  
FT source 1..27  
/organism="Artificial Sequence".  
FEATURES  
source Location/Qualifiers  
1..27  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 17.6; DB 1; Length 27;  
Best Local Similarity 83.3%; Pred. No. 3.9e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2907 CAGCAGCTCTCATCAGCATCAAG 2930  
Db 3 CCGCAGCTCTCATCAGCATCAAG 26

RESULT 151  
LOCUS CO619541 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 4281 from Patent WO0192524.  
ACCESSION CO619541  
VERSION CO619541.1 GI:41669759  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S. G., Hanzel, D. K., Rank, D. R., Chen, W. and  
Shannon, M. E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 4281 06-DEC-2001;  
FEATURES  
source Location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17.4; DB 1; Length 25;  
Best Local Similarity 94.7%; Pred. No. 3.8e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGAGGAAACATGGGCG 789  
Db 2 AAGAGGAAAGATGGGCG 20

RESULT 152  
LOCUS CO619542 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 4282 from Patent WO0192524.  
ACCESSION CO619542  
VERSION CO619542.1 GI:41669760  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S. G., Hanzel, D. K., Rank, D. R., Chen, W. and  
Shannon, M. E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 4282 06-DEC-2001;  
FEATURES  
source Location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 17.4; DB 1; Length 25;  
Best Local Similarity 94.7%; Pred. No. 3.8e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 771 AAGAAGGAAAACATGGGCGC 789  
|||||  
Db 1 AAGAAGGAAAACATGGGCGC 19

RESULT 153  
AR460604 25 bp DNA linear PAT 20-FEB-2004  
LOCUS  
DEFINITION Sequence 4281 from patent US 6686188.  
ACCESSION AR460604  
VERSION AR460604.1 GI:42695661  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
1. .25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 17.4; DB 1; Length 25;  
Best Local Similarity 94.7%; Pred. No. 3.8e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 771 AAGAAGGAAAACATGGGCGC 789  
|||||  
Db 2 AAGAAGGAAAACATGGGCGC 20

RESULT 154  
AR460605 25 bp DNA linear PAT 20-FEB-2004  
LOCUS  
DEFINITION Sequence 4282 from patent US 6686188.  
ACCESSION AR460605  
VERSION AR460605.1 GI:42695662  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
1 (bases 1 to 25)  
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
Patent: US 6686188-A 4282 03-FEB-2004;  
Location/Qualifiers  
1. .25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 17.4; DB 1; Length 25;  
Best Local Similarity 94.7%; Pred. No. 3.8e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 771 AAGAAGGAAAACATGGGCGC 789  
|||||  
Db 1 AAGAAGGAAAACATGGGCGC 19

RESULT 155  
AX601193

LOCUS AX601193 22 bp DNA linear PAT 17-FEB-2003  
DEFINITION Sequence 288 from Patent WO02092851.  
ACCESSION AX601193  
VERSION AX601193.1 GI:28401276  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
1. .22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 3.4e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 271 TCTCTCTTTCTCTCTCTC 292  
|||||  
Db 1 TCTCTCAGTTCTCTCTCTC 22

RESULT 156  
AX961726 23 bp DNA linear PAT 14-JAN-2004  
LOCUS  
DEFINITION Sequence 24 from Patent WO03087405.  
ACCESSION AX961726  
VERSION AX961726.1 GI:40881161  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
1. .23  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Beschreibung der k natlichen Sequenz:  
Oligonukleotid"

Query Match 0.3%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.7e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2366 GCTGCTCAGAGAGGAGGAG 2387  
|||||  
Db 1 GATGCTCAGATTAAGAGGAGGAG 22

RESULT 157  
AR037912 24 bp DNA linear PAT 29-SEP-1999  
LOCUS  
DEFINITION Sequence 32 from patent US 5804383.  
ACCESSION AR037912  
VERSION AR037912.1 GI:5956629  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
1 (bases 1 to 24)  
Gruenert,D.C. and Dohrman,A.F.



## Unclassified.

REFERENCE 1 (bases 1 to 25)

AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.

TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle

JOURNAL Patent: US 6686188-A 12691 03-FEB-2004;

## FEATURES

source 1..25  
/organism="unknown"  
/mol\_type="genomic DNA"

## Query Match

Best Local Similarity 0.3%; Score 17.2; DB 1; Length 25;  
Best Local Similarity 86.4%; Pred. No. 4.1e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1663 GCCAGCTCTGCGACAGATGAA 1684

DB 4 GCCAGCTTTCAGCAGCTGAA 25

## RESULT 163

AX745590/c

LOCUS AX745590 25 bp DNA linear PAT 14-MAY-2003

DEFINITION Sequence 1555 from Patent WO03031621.

ACCESSION AX745590

VERSION AX745590.1 GI:30724257

## KEYWORDS

SOURCE Homo sapiens (human)

## ORGANISM

Homo sapiens

## REFERENCE

1 Zhang, J.  
A human G protein coupled receptor  
Patent: WO 03031621-A 1555 17-APR-2003;

JOURNAL

Amersham Biosciences (SV) Corp. (US)

## FEATURES

source 1..25  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

## Query Match

Best Local Similarity 0.3%; Score 17.2; DB 1; Length 25;  
Best Local Similarity 86.4%; Pred. No. 4.1e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4417 ATATATATATATATATATTA 4438

DB 25 ATATATATATATATATATTA 4

## RESULT 164

AX745596/c

LOCUS AX745596 25 bp DNA linear PAT 14-MAY-2003

DEFINITION Sequence 1561 from Patent WO03031621.

ACCESSION AX745596

VERSION AX745596.1 GI:30724263

## KEYWORDS

SOURCE Homo sapiens (human)

## ORGANISM

Homo sapiens

## REFERENCE

1 Zhang, J.  
A human G protein coupled receptor  
Patent: WO 03031621-A 1561 17-APR-2003;

JOURNAL

Amersham Biosciences (SV) Corp. (US)

## FEATURES

source 1..25  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17.2; DB 1; Length 25;

Best Local Similarity 86.4%; Pred. No. 4.1e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4414 ATATATATATATATATATTA 4435

DB 22 ATATATATATATATATATTA 1

## RESULT 165

BD184063/c

LOCUS BD184063 26 bp DNA linear PAT 17-JUN-2003

DEFINITION Method and detector for identifying subtypes of human papilloma

viruses.

ACCESSION BD184063.1 GI:31876263

VERSION JP 2002360271-A/42.

KEYWORDS synthetic construct

SOURCE synthetic construct

## ORGANISM

artificial sequences.

1 (bases 1 to 26)

Ling, C., Lin, R., Yoo, Z., Huang, X., Lee, B., Lee, S., Lin, Y.,

Huang, C., Heu, H., Shi, C., Yeh, C., Cao, Y. and Pan, C.

Method and detector for identifying subtypes of human papilloma

Patent: JP 2002360271-A 42 17-DEC-2002;

## COMMENT

KING CAR FOOD INDUSTRIAL CO LTD

OS Artificial Sequence

PN JP 2002360271-A/42

PD 17-DEC-2002

PE 28-NOV-2001 JP 2001362595

PR 04-MAY-2001 TW 90110785

PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOM-

HAENG LEE,

PI SHENG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-

PI WEN SHI,

PI CHIH-XIN YEH, YI-PENG CAO, CHIH-LONG PAN

PC C12N15/09, C12N15/09, C12M1/34, C12Q1/04, C12Q1/42, C12Q1/68 PC

, C12Q1/70, G01N21/64,

PC G01N33/53, G01N33/574, G01N33/58, G01N37/00//C12M1/34, C12R1:93),

CC (C12Q1/70, C12R1:93), C12N15/00, C12N15/00

Oligonucleotide M1618 for identifying HPV 16. FH Key

## Location/Qualifiers

FT source 1..26

/organism="Artificial Sequence".

## FEATURES

source 1..26  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

## Query Match

Best Local Similarity 0.3%; Score 17.2; DB 1; Length 26;  
Best Local Similarity 86.4%; Pred. No. 4.1e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2560 ACGTGGTGTGCTGCTATGG 2581

DB 22 ACGTGGTGTGCTGCTATGG 1

## RESULT 166

AX742239/c

LOCUS AX742239 26 bp DNA linear PAT 12-MAY-2003

DEFINITION Sequence 42 from Patent EP1302550.

ACCESSION AX742239

VERSION AX742239.1 GI:30576207

## KEYWORDS

SOURCE synthetic construct

## ORGANISM

synthetic construct

artificial sequences.

## REFERENCE

1 Lin, C.Y., Lin, R.W., You, C.M., Huang, H.H., Lee, B.H., Lee, H.H.,  
Lin, Y.J., Fan, C.C., Hsu, H.C., Shih, C.W., Yeh, C.H., Kao, Y.F.,

TITLE Pan, C.L. and Chan, P.  
Method and detector for identifying subtypes of human papilloma  
viruses  
JOURNAL Patent: EP 1302550-A 42 16-APR-2003;  
King Car Food Industrial Co., Ltd. (TW)  
FEATURES Location/Qualifiers  
source 1..26  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide for identifying HPV 16"

Query Match 0.3%; Score 17.2; DB 1; Length 26;  
Best Local Similarity 86.4%; Pred. No. 4.4e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2560 ACGTGGTCTGCTTATGG 2581  
DB 22 ACATGGTTCAGTTCATGG 1

RESULT 167  
LOCUS AX203612 21 bp DNA linear PAT 30-AUG-2001  
DEFINITION Sequence 242 from Patent WO0153520.  
ACCESSION AX203612  
VERSION AX203612.1 GI:15393041  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Cullen, P. and Seedorf, U.  
TITLE Gene chip for neonate screening  
JOURNAL Patent: WO 0153520-A 242 26-JUL-2001;  
Cullen, Paul (DE) ; Seedorf, Udo (DE)  
FEATURES Location/Qualifiers  
source 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4367 ATTCTGAAGAAAGAAC 4383  
DB 5 ATTCTGAAGAAAGAAC 21

RESULT 168  
LOCUS ARI45805 23 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 43 from patent US 6218119.  
ACCESSION ARI45805  
VERSION ARI45805.1 GI:15108994  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Kuiper, M.T.R., Zabeau, M. and Vos, P.  
TITLE Amplification of simple sequence repeats  
JOURNAL Patent: US 6218119-A 43 17-APR-2001;  
Location/Qualifiers  
source 1..23  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 17; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 4e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 281 TCTCTCTCTCTGCTT 300  
DB 2 TCTCTCTCTCTCTNNNTT 21

RESULT 169  
LOCUS CQ627854 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 12594 from Patent WO0192524.  
ACCESSION CQ627854  
VERSION CQ627854.1 GI:41678072  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and  
Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 12594 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1221 TTTGACGACGCTCCCGGCCC 1245  
DB 1 TTTGACCTGACGCTGCCCGAGCCC 25

RESULT 170  
LOCUS CQ627855 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 12595 from Patent WO0192524.  
ACCESSION CQ627855  
VERSION CQ627855.1 GI:41678073  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and  
Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 12595 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1222 TTGACGACGCTCCCGGCGCT 1246  
DB 1 TTGACCTGACGCTGCCCGAGCCCT 25

RESULT 171  
CQ627956



LOCUS CO627956 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 12696 from Patent WO0192524.  
VERSION CO627956  
KEYWORDS GI:41678174  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 12696 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1665 CAGCTCTGCAGCAGATGAAGACA 1689  
|||||  
1 CAGCTTCAGCAGCAGCTGAAGACAA 25

RESULT 172  
LOCUS CO627957 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 12697 from Patent WO0192524.  
VERSION CO627957  
KEYWORDS GI:41678175  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 12697 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1666 AGCTCTGCAGCAGATGAAGACAA 1690  
|||||  
1 AGCTTCAGCAGCAGCTGAAGACAA 25

RESULT 173  
LOCUS CO627958 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 12698 from Patent WO0192524.  
VERSION CO627958  
KEYWORDS GI:41678176  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 12698 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 12698 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1667 GCTCTGCAGCAGATGAAGACAA 1691  
|||||  
1 GCTTCAGCAGCAGCTGAAGACAA 25

RESULT 174  
LOCUS AR468917 25 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 12594 from patent US 6686188.  
VERSION AR468917  
KEYWORDS GI:42703974  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed  
JOURNAL Patent: US 6686188-A 12594 03-FEB-2004;  
Aeomica, Inc. (US)  
FEATURES  
source 1..25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1221 TTGACCTGCAGCTCTCCCGGCGCC 1245  
|||||  
1 TTGACCTGCAGCTGGCGCCAGGCC 25

RESULT 175  
LOCUS AR468918 25 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 12595 from patent US 6686188.  
VERSION AR468918  
KEYWORDS GI:42703975  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed  
JOURNAL Patent: US 6686188-A 12595 03-FEB-2004;  
Aeomica, Inc. (US)  
FEATURES  
source 1..25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 17; DB 1; Length 25;

Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1222 TTGACGACGAGCTCTCCCGGCCT 1246  
DB 1 TTGACCTGACGCTGCGCCAGCCCT 25

RESULT 176  
AR469019  
LOCUS AR469019 25 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 12696 from patent US 6686188.  
ACCESSION AR469019  
VERSION AR469019.1 GI:42704076  
KEYWORDS  
SOURCE .  
ORGANISM Unknown.  
REFERENCE Unclassified.  
AUTHORS 1 (bases 1 to 25)  
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 12696 03-FEB-2004;  
FEATURES Location/Qualifiers  
1..25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1665 CAGCTCCTGCAGCAGATGAAGACA 1689  
DB 1 CAGCTTCAGCAGCAGCTGAAGCAA 25

RESULT 177  
AR469020  
LOCUS AR469020 25 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 12697 from patent US 6686188.  
ACCESSION AR469020  
VERSION AR469020.1 GI:42704077  
KEYWORDS  
SOURCE .  
ORGANISM Unknown.  
REFERENCE Unclassified.  
AUTHORS 1 (bases 1 to 25)  
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 12697 03-FEB-2004;  
FEATURES Location/Qualifiers  
1..25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1666 AGCTCTGACGACAGATGAAGACA 1690  
DB 1 AGCTTCAGCAGCAGCTGAAGCAA 25

RESULT 178  
AR469021  
LOCUS AR469021 25 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 12698 from patent US 6686188.  
ACCESSION AR469021

VERSION AR469021.1 GI:42704078  
KEYWORDS  
SOURCE .  
ORGANISM Unknown.  
REFERENCE Unclassified.  
AUTHORS 1 (bases 1 to 25)  
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 12698 03-FEB-2004;  
FEATURES Location/Qualifiers  
1..25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1667 GCTCTGCAGCAGATGAAGACAAG 1691  
DB 1 GCTTCAGCAGCAGCTGAAGCAAAG 25

RESULT 179  
AX501157  
LOCUS AX501157/c 25 bp DNA linear PAT 27-SEP-2002  
DEFINITION Sequence 2464 from Patent EP1229046.  
ACCESSION AX501157  
VERSION AX501157.1 GI:23383450  
KEYWORDS  
SOURCE .  
ORGANISM Homo sapiens (human)  
REFERENCE Homo sapiens  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
1  
Zhan,J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 2464 07-AUG-2002;  
FEATURES Neomica, Inc. (US)  
Source Location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4799 TGGAGAGCAGAGGAATGAGCTCCT 4823  
DB 25 TGGAGGTCGCGACGACGCCCT 1

RESULT 180  
AX533634  
LOCUS AX533634/c 25 bp DNA linear PAT 22-NOV-2002  
DEFINITION Sequence 3143 from Patent EP1239051.  
ACCESSION AX533634  
VERSION AX533634.1 GI:25259019  
KEYWORDS  
SOURCE .  
ORGANISM Homo sapiens (human)  
REFERENCE Homo sapiens  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
1  
Shannon,M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 3143 11-SEP-2002;  
FEATURES Neomica, Inc. (US)  
Location/Qualifiers

source 1. .25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 817 CGCTGGAGGAGGACACAGCGCA 841  
DB 25 CTCTGGAGGAGGACACAGCGCA 1

RESULT 181  
AX533635/c 25 bp DNA linear PAT 22-NOV-2002  
LOCUS AX533635 3144 from Patent EP1239051.  
DEFINITION AX533635  
ACCESSION AX533635  
VERSION AX533635.1 GI:25259021  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1  
AUTHORS Shannon, M.  
TITLE Human pish-like protein 1  
JOURNAL Patent: EP 1239051-A 3144 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES  
source 1. .25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 816 CCGCTGGAGGAGGACACAGCGC 840  
DB 25 CCTCTGGAGGAGGACACAGCGC 1

RESULT 182  
AX745586/c 25 bp DNA linear PAT 14-MAY-2003  
LOCUS AX745586 1551 from Patent WO03031621.  
DEFINITION AX745586  
ACCESSION AX745586  
VERSION AX745586.1 GI:30724253  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1  
AUTHORS Zhang, J.  
TITLE A human G protein coupled receptor  
JOURNAL Patent: WO 03031621-A 1551 17-APR-2003;  
Amerham Biosciences (SV) Corp. (US)  
FEATURES  
source 1. .25  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4415 TAATAATTAATTAATTAATTAAT 4439  
DB 25 TAATAATTAATTAATTAATTAAT 4439

DB 25 TAATAATTAATTAATTAATTAAT 1

RESULT 183  
AX745587/c 25 bp DNA linear PAT 14-MAY-2003  
LOCUS AX745587 1552 from Patent WO03031621.  
DEFINITION AX745587  
ACCESSION AX745587  
VERSION AX745587.1 GI:30724254  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1  
AUTHORS Zhang, J.  
TITLE A human G protein coupled receptor  
JOURNAL Patent: WO 03031621-A 1552 17-APR-2003;  
Amerham Biosciences (SV) Corp. (US)  
FEATURES  
source 1. .25  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4414 ATAAATTAATTAATTAATTAATTA 4438  
DB 25 ATAAATTAATTAATTAATTAATTA 1

RESULT 184  
AX745589/c 25 bp DNA linear PAT 14-MAY-2003  
LOCUS AX745589 1554 from Patent WO03031621.  
DEFINITION AX745589  
ACCESSION AX745589  
VERSION AX745589.1 GI:30724256  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1  
AUTHORS Zhang, J.  
TITLE A human G protein coupled receptor  
JOURNAL Patent: WO 03031621-A 1554 17-APR-2003;  
Amerham Biosciences (SV) Corp. (US)  
FEATURES  
source 1. .25  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4415 TAATAATTAATTAATTAATTAAT 4439  
DB 25 TAATAATTAATTAATTAATTAAT 1

RESULT 185  
AX745607/c 25 bp DNA linear PAT 14-MAY-2003  
LOCUS AX745607 1572 from Patent WO03031621.  
DEFINITION AX745607  
ACCESSION AX745607  
VERSION AX745607.1 GI:30724274  
KEYWORDS  
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens  
REFERENCE /db\_xref="taxon:32630"  
AUTHORS /note="OLIGONUCLEOTIDE FRAGMENT"  
TITLE  
JOURNAL  
FEATURES  
source

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4415 TAATAATATATATATATATAT 4439  
DB 25 TAACAGTAACGCAATATATATAT 1

RESULT 186  
AX745608/c 25 bp DNA linear PAT 14-MAY-2003  
LOCUS  
DEFINITION Sequence 1573 from Patent WO03031621.  
ACCESSION AX745608  
VERSION AX745608.1 GI:30724275  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE  
AUTHORS Zhang, J.  
TITLE A human G protein coupled receptor  
JOURNAL Patent: WO 03031621-A 1573 17-APR-2003;  
Amerham Biosciences (SV) Corp. (US)  
FEATURES  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4414 ATATATATATATATATATATAT 4438  
DB 25 ATTAACGTAAACGCAATATATAT 1

RESULT 187  
AX753232/c 25 bp DNA linear PAT 23-JUN-2003  
LOCUS  
DEFINITION Sequence 13 from Patent WO03038101.  
ACCESSION AX753232  
VERSION AX753232.1 GI:32166094  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
AUTHORS Greaves, D.R., McKnight, A.J. and Gordon, S.  
TITLE Gene expression  
JOURNAL Patent: WO 03038101-A 13 08-MAY-2003;  
ISIS INNOVATION LIMITED (GB)  
FEATURES  
source 1..25  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 4.5e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 268 CCTCTCTCTCTCTCTCTCTCTC 292  
DB 25 CCTCTCTCTCTCTCTCTCTCTC 1

RESULT 188  
A99242/c 26 bp DNA linear PAT 26-JAN-2000  
LOCUS  
DEFINITION Sequence 18 from Patent WO907839.  
ACCESSION A99242  
VERSION A99242.1 GI:6782175  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE  
AUTHORS Min, J.W. and Pieter, W.  
TITLE NEW IMMUNOPROTECTIVE INFLUENZA ANTIGEN AND ITS USE IN VACCINATION  
JOURNAL Patent: WO 9907835-A 18 18-FEB-1999;  
VLAAMS INTERUNIV INST BIOTECH (BE); MIN JOU WILLY (BE)  
FEATURES  
source 1..26  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 17; DB 1; Length 26;  
Best Local Similarity 80.0%; Pred. No. 4.8e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2862 CCAAGCTGAAGCCATTATCTCTG 2886  
DB 26 CCAAGTTGAAGCCAGTCTCTCTG 2

RESULT 189  
AR266061/c 20 bp DNA linear PAT 10-APR-2003  
LOCUS  
DEFINITION Sequence 68 from patent US 6492171.  
ACCESSION AR266061  
VERSION AR266061.1 GI:296594907  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS Montie, B.P., Gaarde, W.A., Freier, S.M. and Wanciewicz, E.  
TITLE Antisense modulation of TERT expression  
JOURNAL Patent: US 6492171-A 68 10-DEC-2002;  
FEATURES  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 830 GGACACAGCGGACGACCTTG 849  
DB 20 GTACACAGCGGACGACCTTG 1

RESULT 190  
AX327031 20 bp DNA linear PAT 07-JAN-2002  
LOCUS

DEFINITION Sequence 227 from Patent WO0178894.  
ACCESSION AX327031  
VERSION AX327031.1 GI:18097742  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Keith, T.  
TITLE Novel human gene relating to respiratory diseases, obesity, and  
JOURNAL Inflammatory bowel disease  
Genome Therapeutics Corp. (US)  
FEATURES  
source location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2374 CAGAGAGAGGAGCAGAG 2393  
Db 1 CTGAGTGAGGAGCAGAG 20

RESULT 191  
LOCUS AX327032 20 bp DNA linear PAT 08-JAN-2002  
DEFINITION Sequence 228 from Patent WO0178894.  
ACCESSION AX327032  
VERSION AX327032.1 GI:18097743  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Keith, T.  
TITLE Novel human gene relating to respiratory diseases, obesity, and  
JOURNAL Inflammatory bowel disease  
Patent: WO 0178894-A 228 25-OCT-2001;  
Genome Therapeutics Corp. (US)  
FEATURES  
source location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2374 CAGAGAGAGGAGCAGAG 2393  
Db 1 CTGAGTGAGGAGCAGAG 20

RESULT 192  
LOCUS AR212825 21 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 72 from Patent US 6403303.  
ACCESSION AR212825  
VERSION AR212825.1 GI:23309691  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
Shipman, R., Leuehner, J. and Dunn, J. M.

TITLE Method and reagents for testing for mutations in the BRCA1 gene  
JOURNAL Patent: US 6403303-A 72 11-JUN-2002;  
FEATURES  
source location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 3.8e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 ATGTGCCAAGCTGCTGCTA 4483  
Db 2 ATGTGCCAAGACTGTCTTA 21

RESULT 193  
LOCUS AR298481 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 10216 from patent US 6537751.  
ACCESSION AR298481  
VERSION AR298481.1 GI:31685765  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL disequilibrium map of the human genome  
Patent: US 6537751-A 10216 25-MAR-2003;  
FEATURES  
source location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 3.8e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4642 GGCCCTTAAGGAGCTGAAG 4661  
Db 1 GGCACTTAAGAGGTTGAAG 20

RESULT 194  
LOCUS AR169545 22 bp DNA linear PAT 17-DEC-2001  
DEFINITION Sequence 43 from patent US 6291173.  
ACCESSION AR169545  
VERSION AR169545.1 GI:17907414  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Bartel, P. L. and Tavtigian, S. V.  
TITLE WMS2--an WMA1 interacting protein  
JOURNAL Patent: US 6291173-A 43 18-SEP-2001;  
FEATURES  
source location/Qualifiers  
1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 22;  
Best Local Similarity 90.0%; Pred. No. 4.1e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2890 CTGAGTACTCTGCTAGACAG 2909  
Db 1 CTGAGTACTCTGCTGAAAG 20

RESULT 195  
LOCUS AR280278 23 bp DNA linear PAT 10-APR-2003  
DEFINITION Sequence 10 from patent US 6518063.  
ACCESSION AR280278  
VERSION AR280278.1 GI:29715707  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Ducey P. and Karsenty G.  
TITLE Osf2/Cbfa1 nucleic acids and methods of use therefor  
JOURNAL Patent: US 6518063-A 10 11-FEB-2003;  
FEATURES  
source location/Qualifiers  
1. .23  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 23;  
Best Local Similarity 90.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4908 GCAGCCATCCAGCCACAG 4927  
DB 2 GCTGCATCCAGCCACAG 21

RESULT 196  
LOCUS BD128624 23 bp DNA linear PAT 18-SEP-2002  
DEFINITION OSF2/CBFA1 compositions and methods of use.  
ACCESSION BD128624  
VERSION BD128624.1 GI:23223569  
KEYWORDS JP 2002502250-A/9.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Ducey P. and Karsenty G.  
TITLE OSF2/CBFA1 compositions and methods of use  
JOURNAL Patent: JP 2002502250-A 9 22-JAN-2002;  
COMMENT BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM  
OS Unidentified  
PN JP 2002502250-A/9  
PD 22-JAN-2002  
PR 29-MAY-1997 US 60/048430, 24-MAR-1998 US 60/080189 PI  
PATRICIA DUCY, GERARD KARSENTY  
PC C12N15/12, C12N15/86, C12N7/01, C12N5/10, C12N1/21, C12Q1/68, C07K14/47,  
C07K16/18, A61K31/70, A61K38/17, A61K48/00, G01N33/53, A01K67/027  
CC Strandedness: Single;  
CC Topology: Linear;  
CC OSF2/CBFA1 compositions and methods of use  
FH Key location/Qualifiers  
FT source 1. .23  
/organism="Unidentified".  
FEATURES  
source location/Qualifiers  
1. .23  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 16.8; DB 1; Length 23;  
Best Local Similarity 90.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4908 GCAGCCATCCAGCCACAG 4927  
DB 2 GCTGCATCCAGCCACAG 21

RESULT 197  
LOCUS AX548240 24 bp DNA linear PAT 26-NOV-2002  
DEFINITION Sequence 164 from Patent WO0240716.  
ACCESSION AX548240  
VERSION AX548240.1 GI:25813274  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Palm K.  
TITLE Profiling tumor specific markers for the diagnosis and treatment of neoplastic disease  
JOURNAL Patent: WO 0240716-A 164 23-MAY-2002;  
Cemines, LLC (US)  
FEATURES  
source location/Qualifiers  
1. .24  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Probe"

Query Match 0.3%; Score 16.8; DB 1; Length 24;  
Best Local Similarity 90.0%; Pred. No. 4.6e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3488 CAGTGACCTGGGAGAGAGC 3507  
DB 23 CATTGACCTGGAGAGAGC 4

RESULT 198  
LOCUS AX589224 24 bp DNA linear PAT 24-JAN-2003  
DEFINITION Sequence 11 from Patent WO02084567.  
ACCESSION AX589224  
VERSION AX589224.1 GI:27908825  
KEYWORDS  
SOURCE Rattus rattus (black rat)  
ORGANISM Rattus rattus  
REFERENCE 1  
AUTHORS Soullion J.P., Delaun M.A., Guillet M., Sebille F., Brouard S.,  
Gagne K., Vanhove B. and Pallier A.  
TITLE Method for analyzing T lymphocytes with the aid of T lymphocyte  
JOURNAL receptors of an organism  
PATENT: WO 02084567-A 11 24-OCT-2002;  
INSITUUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)  
(FR)  
FEATURES  
source location/Qualifiers  
1. .24  
/organism="Rattus rattus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10117"

Query Match 0.3%; Score 16.8; DB 1; Length 24;  
Best Local Similarity 90.0%; Pred. No. 4.6e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1635 GCTGACTCCAAAAGAGAGA 1654  
DB 24 GCTGACTCCAGATGAGAGA 5

RESULT 199  
LOCUS AR144840 25 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 79 from patent US 6210942.  
ACCESSION AR144840

VERSION AR144840.1 GI:15106707  
KEYWORDS  
SOURCE  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Lewis,N.G., Davin,L.B., Dinkova-Kostova,A.T., Fujita,M., Gang,D.R., Sarkanen,S. and Ford,J.D.  
TITLE Recombinant pinoresinol/lariciresinol reductase, recombinant dirigent protein, and methods of use  
JOURNAL Patent: US 6210942-A 79 03-APR-2001;  
FEATURES  
source  
1. .25  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2779 TGGAGACTTTGTCACAGCT 2798  
|||||  
Db 5 TGGAGATTGTTGTCACAGCT 24  
|||||  
RESULT 200  
LOCUS CO619535 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 4275 from Patent WO0192524.  
ACCESSION CO619535  
VERSION CO619535.1 GI:41669753  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 4275 06-DEC-2001;  
FEATURES  
source  
1. .25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 769 ACAAGAGAAACATGCGG 788  
|||||  
Db 6 ATAAGAGAAACATGCGG 25  
|||||  
RESULT 201  
LOCUS CO628353 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 13093 from Patent WO0192524.  
ACCESSION CO628353  
VERSION CO628353.1 GI:41678571  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 13093 06-DEC-2001;

FEATURES  
source  
1. .25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3870 CCCATCAAGCCTCCAGATC 3889  
|||||  
Db 25 CCGATCAAGCCTCCAAATC 6  
|||||  
RESULT 202  
LOCUS CO628354 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 13094 from Patent WO0192524.  
ACCESSION CO628354  
VERSION CO628354.1 GI:41678572  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 13094 06-DEC-2001;  
FEATURES  
source  
1. .25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3870 CCCATCAAGCCTCCAGATC 3889  
|||||  
Db 24 CCGATCAAGCCTCCAAATC 5  
|||||  
RESULT 203  
LOCUS CO628355 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 13095 from Patent WO0192524.  
ACCESSION CO628355  
VERSION CO628355.1 GI:41678573  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 13095 06-DEC-2001;  
FEATURES  
source  
1. .25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3870 CCCATCAAGCCTTCAGATC 3889  
|||  
23 CCATCAAGCCTTCAGATC 4

Db

RESULT 204  
LOCUS C0628356 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 13096 from Patent WO0192524.  
ACCESSION C0628356  
VERSION C0628356.1 GI:41678574  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 13096 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
source 1.25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3870 CCCATCAAGCCTTCAGATC 3889  
|||  
22 CCATCAAGCCTTCAGATC 3

Db

RESULT 205  
LOCUS C0628357 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 13097 from Patent WO0192524.  
ACCESSION C0628357  
VERSION C0628357.1 GI:41678575  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 13097 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
source 1.25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3870 CCCATCAAGCCTTCAGATC 3889  
|||  
21 CCATCAAGCCTTCAGATC 2

Db

RESULT 206  
LOCUS C0628358 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 13098 from Patent WO0192524.  
ACCESSION C0628358  
VERSION C0628358.1 GI:41678576  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 13098 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
source 1.25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3870 CCCATCAAGCCTTCAGATC 3889  
|||  
20 CCATCAAGCCTTCAGATC 1

Db

RESULT 207  
LOCUS AR410292 25 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 79 from patent US 6635459.  
ACCESSION AR410292  
VERSION AR410292.1 GI:40161571  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
Unclassified.

REFERENCE  
AUTHORS Lewis,N.G., Davin,L.B., Dinkova-Kostova,A.T., Fujita,M., Gang,D.R., Sarkeren,S. and Ford,J.D.  
TITLE Nucleotide sequences encoding pinoreductin/larictresinol reductase proteins and their methods of use  
JOURNAL Patent: US 6635459-A 79 21-OCT-2003;  
FEATURES  
source 1.25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2779 TGGAGATTGTGTCAAGACT 2798  
|||  
5 TGGAGATTGTGTCAAGACT 24

Db

RESULT 208  
LOCUS AR460598 25 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 4275 from patent US 6686188.  
ACCESSION AR460598  
VERSION AR460598.1 GI:42695655  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
Unclassified.

REFERENCE  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

LOCUS C0628358 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 13098 from Patent WO0192524.  
ACCESSION C0628358  
VERSION C0628358.1 GI:41678576  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 13098 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
source 1.25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3870 CCCATCAAGCCTTCAGATC 3889  
|||  
20 CCATCAAGCCTTCAGATC 1

Db

RESULT 207  
LOCUS AR410292 25 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 79 from patent US 6635459.  
ACCESSION AR410292  
VERSION AR410292.1 GI:40161571  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
Unclassified.

REFERENCE  
AUTHORS Lewis,N.G., Davin,L.B., Dinkova-Kostova,A.T., Fujita,M., Gang,D.R., Sarkeren,S. and Ford,J.D.  
TITLE Nucleotide sequences encoding pinoreductin/larictresinol reductase proteins and their methods of use  
JOURNAL Patent: US 6635459-A 79 21-OCT-2003;  
FEATURES  
source 1.25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2779 TGGAGATTGTGTCAAGACT 2798  
|||  
5 TGGAGATTGTGTCAAGACT 24

Db

RESULT 208  
LOCUS AR460598 25 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 4275 from patent US 6686188.  
ACCESSION AR460598  
VERSION AR460598.1 GI:42695655  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
Unclassified.

REFERENCE  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.



TITLE Polynucleotide encoding a human myosin-like polypeptide expressed

JOURNAL

FEATURES

source

1. .25

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 25;

Best Local Similarity 90.0%; Pred. No. 4.9e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 769 ACACAGAGAAACATGGCG 788

Db 6 ATAGAGAGAAAGATGGCG 25

RESULT 209

AR469416/c

LOCUS AR469416 25 bp DNA linear PAT 20-FEB-2004

DEFINITION Sequence 13093 from patent US 6686188.

ACCESSION AR469416

VERSION AR469416.1 GI:42704473

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 25)

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Polynucleotide encoding a human myosin-like polypeptide expressed

JOURNAL

FEATURES

source

1. .25

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 25;

Best Local Similarity 90.0%; Pred. No. 4.9e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3870 CCCATCAAGCCTTCCAGATC 3889

Db 25 CCGATCAAGCCTTCCAAATC 6

RESULT 210

AR469417/c

LOCUS AR469417 25 bp DNA linear PAT 20-FEB-2004

DEFINITION Sequence 13094 from patent US 6686188.

ACCESSION AR469417

VERSION AR469417.1 GI:42704474

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 25)

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Polynucleotide encoding a human myosin-like polypeptide expressed

JOURNAL

FEATURES

source

1. .25

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 25;

Best Local Similarity 90.0%; Pred. No. 4.9e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3870 CCCATCAAGCCTTCCAGATC 3889

Db 25 CCGATCAAGCCTTCCAAATC 6

Db 24 CCGATCAAGCCTTCCAAATC 5

RESULT 211

AR469418/c

LOCUS AR469418 25 bp DNA linear PAT 20-FEB-2004

DEFINITION Sequence 13095 from patent US 6686188.

ACCESSION AR469418

VERSION AR469418.1 GI:42704475

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 25)

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Polynucleotide encoding a human myosin-like polypeptide expressed

JOURNAL

FEATURES

source

1. .25

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 25;

Best Local Similarity 90.0%; Pred. No. 4.9e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3870 CCCATCAAGCCTTCCAGATC 3889

Db 23 CCGATCAAGCCTTCCAAATC 4

RESULT 212

AR469419/c

LOCUS AR469419 25 bp DNA linear PAT 20-FEB-2004

DEFINITION Sequence 13096 from patent US 6686188.

ACCESSION AR469419

VERSION AR469419.1 GI:42704476

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 25)

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Polynucleotide encoding a human myosin-like polypeptide expressed

JOURNAL

FEATURES

source

1. .25

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 25;

Best Local Similarity 90.0%; Pred. No. 4.9e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3870 CCCATCAAGCCTTCCAGATC 3889

Db 22 CCGATCAAGCCTTCCAAATC 3

RESULT 213

AR469420/c

LOCUS AR469420 25 bp DNA linear PAT 20-FEB-2004

DEFINITION Sequence 13097 from patent US 6686188.

ACCESSION AR469420

VERSION AR469420.1 GI:42704477

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

Unlabeled.  
1 (bases 1 to 25)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 13097 03-FEB-2004;  
FEATURES location/Qualifiers  
source 1..25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3870 CCCATCAAGCTTCCAGATC 3889  
DB 21 CCGATCAAGCTTCCAATC 2

RESULT 214  
AR469421/c  
LOCUS AR469421 25 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 13098 from patent US 6686188.  
ACCESSION AR469421  
VERSION AR469421.1 GI:42704478  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unlabeled.  
AUTHORS 1 (bases 1 to 25)  
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 13098 03-FEB-2004;  
FEATURES location/Qualifiers  
source 1..25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3870 CCCATCAAGCTTCCAGATC 3889  
DB 20 CCGATCAAGCTTCCAATC 1

RESULT 215  
AX019989/c  
LOCUS AX019989 25 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 3 from Patent WO9937764.  
ACCESSION AX019989  
VERSION AX019989.1 GI:10043818  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE Homo sapiens  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
TITLE Vaugelers,M.P. and David,G.J.  
JOURNAL New members of the glypican gene family  
Patent: WO 9937764-A 3 23-JUL-1999;  
VUGELERS MARK PAUL DITTMAR (BE); VLAAMS INTERUNIV INST BIOTECH (BE); DAVID GUIDO JOSEPH FRANS (BE)  
FEATURES location/Qualifiers  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3124 GTGATGAATCAGTGGGCCA 3143  
DB 22 GTGATGAATCAGTGGCTCA 3

RESULT 216  
AX191927  
LOCUS AX191927 25 bp DNA linear PAT 15-AUG-2001  
DEFINITION Sequence 79 from Patent WO0149833.  
ACCESSION AX191927  
VERSION AX191927.1 GI:15210076  
KEYWORDS  
SOURCE Synthetic construct  
ORGANISM synthetic construct  
REFERENCE Artificial sequences.  
AUTHORS 1  
Lewis,N.G., Davin,L.B., Dinkova-Kostova,A.T., Fujita,M., Gang,D.R., Ford,J.D. and Saranen,S.  
TITLE Recombinant pinorelinol/laricirelinol reductase, recombinant dirigent protein, and methods of use  
JOURNAL Patent: WO 0149833-A 79 12-JUL-2001;  
Washington State University Research Foundation (US) ; REGENTS OF THE UNIVERSITY OF MINNESOTA (US)  
FEATURES location/Qualifiers  
source 1..25  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"  
misc\_feature 1..25  
/note="PCR primer CS1-893N"

Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2779 TGGAGAGTTTGTCAAGAGT 2798  
DB 5 TGGAGAGTTTGTCAAGAGT 24

RESULT 217  
AX533642/c  
LOCUS AX533642 25 bp DNA linear PAT 22-NOV-2002  
DEFINITION Sequence 3151 from Patent EP1239051.  
ACCESSION AX533642  
VERSION AX533642.1 GI:25259035  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE Homo sapiens  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
TITLE Human posh-1-like protein 1  
JOURNAL Patent: EP 1239051-A 3151 11-SEP-2002;  
Neomica, Inc. (US)  
FEATURES location/Qualifiers  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 814 TGCCGCTGGAGAGAGAC 833

Db 20 TGCCTGTGAGCAGCAGAC.1

RESULT 218  
AX116215/c  
LOCUS AX116215  
DEFINITION Sequence 1338 from Patent W00129262.  
ACCESSION AX116215  
VERSION AX116215.1 GI:14033157  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1 Picoult-Newburg, L. and Pohl, M.  
AUTHORS Genotyping reagents, kits and methods of use thereof  
TITLE Patent: WO 0129262-A 1338 26-APR-2001;  
JOURNAL Orchid Biosciences, Inc. (US)  
FEATURES  
source  
1..23  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3368 GGGGCGCTGCAGGAGAAAGTC 3390  
Db 23 GGTCTCTGTAGGGAGAAATC 1

RESULT 219  
AX452250  
LOCUS AX452250  
DEFINITION Sequence 7 from Patent W00242442.  
ACCESSION AX452250  
VERSION AX452250.1 GI:21712180  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1 Grabowski, R., Braunschweiler, M., Gaasch, A. and Berghof, K.  
AUTHORS Novel yeast strain for consumption  
TITLE Patent: WO 0242442-A 7 30-MAY-2002;  
JOURNAL Biotecon Diagnostics GmbH (DE)  
FEATURES  
source  
1..23  
Location/Qualifiers  
1..23  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer zur Differenzierung phylogenetischen  
Einheiten, wie Stammen, Unterstammen, Spezies"

Query Match 0.3%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 4.8e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3683 CAGCATCTGCTCCAAAGCCC 3705  
Db 1 CAGCATCTGCTCCAAAGCCC 23

RESULT 220  
BD248185  
LOCUS BD248185  
DEFINITION Short-chain oligonucleotide for inhibiting VEGF expression.  
ACCESSION BD248185  
VERSION BD248185.1 GI:33057955

KEYWORDS JP 2002524038-A/4.  
SOURCE Homo sapiens (human)  
ORGANISM

REFERENCE  
1 (bases 1 to 24)  
AUTHORS Uhlmann, E., Peyman, A., Bitonti, A. and Woessner, R.  
TITLE Short-chain oligonucleotide for inhibiting VEGF expression  
JOURNAL Patent: JP 2002524038-A 4 06-AUG-2002;  
COMMENT  
AVENTIS PHARMA DEUTSCHLAND GMBH

OS Homo sapiens (human)  
PN JP 2002524038-A/4  
PD 06-AUG-2002  
PR 29-JUL-1999 JP 2000563768  
PF 07-AUG-1998 EP 9811483.9  
PI EUGEN UHLMANN, ANUSCHIRMAN PEYMAN, ALAN BITONTI, RICHARD WOESSNER  
PC C12N15/09, A61K31/711, A61K31/712, A61K31/7125 PC  
PC A61P13/12, A61P17/16, A61P27/02, A61P29/00, A61P35/00, A61P43/00,  
PC C12N15/00  
CC Short-chain oligonucleotide for inhibiting VEGF expression FH  
Key  
FT source  
1..24  
Location/Qualifiers  
1..24  
/organism="Homo sapiens (human)"  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 16.6; DB 1; Length 24;  
Best Local Similarity 82.6%; Pred. No. 5.1e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 514 TGGTCCCTGCTGGAACATGCG 536  
Db 2 TGGTCCAGGCTGCACCCATGCG 24

RESULT 221  
165303  
LOCUS 165303  
DEFINITION Sequence 25 from patent US 5667967.  
ACCESSION 165303  
VERSION 165303.1 GI:2481873  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1 (bases 1 to 24)  
AUTHORS Steinman, L., Oksenberg, J. and Bernard, C.  
TITLE T-cell receptor variable transcripts as disease related markers  
JOURNAL Patent: US 5667967-A 25 16-SEP-1997;  
FEATURES  
source  
1..24  
Location/Qualifiers  
1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.6; DB 1; Length 24;  
Best Local Similarity 82.6%; Pred. No. 5.1e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4374 AGAAGGAAGTGCAGCGCGGAT 4396  
Db 2 AGAAGGAAGTGCAGCGCGGACT 24

RESULT 222  
195524  
LOCUS 195524  
DEFINITION Sequence 13 from patent US 5733541.  
ACCESSION 195524  
VERSION 195524.1 GI:3939994

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE  
1 (bases 1 to 24)  
AUTHORS Tatchman,R.S. and Emerson,S.G.  
TITLE Hematopoietic cells: compositions and methods  
JOURNAL Patent: US 5733541-A 13 31-MAR-1998;  
FEATURES Location/Qualifiers  
source 1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.6; DB 1; Length 24;  
Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1044 GAGCATCTTAAGCCATCCAGA 1066  
|||||  
1 GAGCATGTGAATGCCATCCAGCA 23

RESULT 223  
LOCUS A69158 25 bp DNA linear PAT 06-MAY-1999  
DEFINITION Sequence 76 from Patent WO9801546.  
ACCESSION A69158  
VERSION A69158.1 GI:4760072  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Leadlay,P.F., Staunton,J. and Cortes,J.  
TITLE ERYTHROMYCIN AND PROCESS FOR THEIR PREPARATION POLYKETIDES AND  
JOURNAL THEIR SYNTHESIS  
PATENT: WO 9801546-A 76 15-JAN-1998;  
FEATURES BIOTICA TECHNOLOGY LIMITED (GB)  
source Location/Qualifiers  
1..25  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 175 ACCTGCGACCACTGCCAGGA 197  
|||||  
24 ACCTGCGACCCCTGCCAGGCA 2

RESULT 224  
LOCUS CQ628819 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 13559 from Patent WO0192524.  
ACCESSION CQ628819  
VERSION CQ628819.1 GI:41679037  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
1 Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 13559 06-DEC-2001;  
FEATURES Aeomica, Inc. (US)  
source Location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAG 1610  
|||||  
3 TCGAGGAGCCCAAGAGAGAG 25

RESULT 225  
LOCUS CQ628820 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 13560 from Patent WO0192524.  
ACCESSION CQ628820  
VERSION CQ628820.1 GI:41679038  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
1 Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 13560 06-DEC-2001;  
FEATURES Aeomica, Inc. (US)  
source Location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAG 1610  
|||||  
2 TGGAGGAGCCCAAGAGAGAG 24

RESULT 226  
LOCUS CQ628821 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 13561 from Patent WO0192524.  
ACCESSION CQ628821  
VERSION CQ628821.1 GI:41679039  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
1 Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 13561 06-DEC-2001;  
FEATURES Aeomica, Inc. (US)  
source Location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAG 1610  
|||||  
1 TGGTGAACAGAGAGAGAG 1610

Db 1 TGGAGGAGCCAGAGAGAG 23

RESULT 227

LOCUS E36888 25 bp DNA linear PAT 18-JUN-2001

DEFINITION Human telomerase catalytic subunit promoter.

ACCESSION E36888

VERSION E36888.1 GI:13022851

KEYWORDS JP 1999253177-A/96.

SOURCE unidentified

ORGANISM unidentified

REFERENCE 1 (bases 1 to 25)

AUTHORS Thomas,R.S., Jochimu,R., Toru,N., Karen,B.C., Greg,B.M., Calvin,B.H. and William,H.A.

TITLE Human telomerase catalytic subunit promoter

JOURNAL Patent: JP 1999253177-A 96 21-SEP-1999;

COMMENT JERON CORP, UNIVERSITY TECHNOLOGY CORP

OS Unidentified

PN JP 1999253177-A/96

PD 21-SEP-1999

PF 15-OCT-1998 JP 1998320169

PR 01-OCT-1996 US 08/724,643,18-APR-1997 US 08/844,419, PR 25-APR-1997 US 08/846,017,06-MAY-1997 US 08/851,843, PR 09-MAY-1997 US 08/854,050,14-AUG-1997 US 08/911,312, PI 14-AUG-1997 US 08/912,951,14-AUG-1997 US 08/915,503, PI THOMAS R SECHI,JOCHIMU RINGNER,TORU NAKAMURA,KAREN B CHAPMAN, PI GREG B MORIN.

PI CALVIN B HAREI,WILLIAM H ANDREWS

PC C12N15/09,A61K31/70,A61K38/55,A61K39/395,A61K39/395,A61K48/00, PC C1201/02, C12Q1/48, C12Q1/68, G01N33/15, G01N33/48, G01N33/50//C07K14/47, PC C07K16/40,

PC C12N1/19, C12N1/21, C12N5/10, C12N9/12, C12P21/08, C12N1/19, PC C12R1/84),

PC (C12N1/21, C12R1:19) (C12N9/12, C12R1:19) (C12N9/12, C12R1:84), PC (C12N9/12, C12R1:91), C12N15/00, A61K37/64, C12N5/00 CC

Strandedness: Single;

CC Topology: Linear;

FT Key Location/Qualifiers

FT source 1..25

FEATURES

source Location/Qualifiers

1..25

/organism="Unidentified"

/mol\_type="genomic DNA"

/db\_xref="taxon:32644"

Query Match 0.3%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 5.4e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 4044 CCACGAGGCGCTCTAGCAGGAC 4066

Db 1 CCACGAGCTCTTCAGCAGGAC 23

RESULT 228

LOCUS AR243409 25 bp DNA linear PAT 20-DEC-2002

DEFINITION Sequence 202 from patent US 6475789.

ACCESSION AR243409

VERSION AR243409.1 GI:27290620

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 25)

AUTHORS Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B., Harley,C.B. and Andrews,W.H.

TITLE Human telomerase catalytic subunit: diagnostic and therapeutic methods

JOURNAL Patent: US 6475789-A 202 05-NOV-2002;

FEATURES

source Location/Qualifiers

1..25

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 5.4e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 4044 CCACGAGGCGCTCTAGCAGGAC 4066

Db 1 CCACGAGCTCTTCAGCAGGAC 23

RESULT 229

LOCUS AR390565 25 bp DNA linear PAT 18-DEC-2003

DEFINITION Sequence 435 from patent US 6610839.

ACCESSION AR390565

VERSION AR390565.1 GI:40112491

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 25)

AUTHORS Morin,G.B. and Andrews,W.H.

TITLE Promoter for telomerase reverse transcriptase

JOURNAL Patent: US 6610839-A 435 26-AUG-2003;

FEATURES

source Location/Qualifiers

1..25

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 5.4e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 4044 CCACGAGGCGCTCTAGCAGGAC 4066

Db 1 CCACGAGCTCTTCAGCAGGAC 23

RESULT 230

LOCUS AR393179 25 bp DNA linear PAT 18-DEC-2003

DEFINITION Sequence 435 from patent US 6617110.

ACCESSION AR393179

VERSION AR393179.1 GI:40118470

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 25)

AUTHORS Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B., Harley,C.B. and Andrews,W.H.

TITLE Cells immortalized with telomerase reverse transcriptase for use in drug screening

JOURNAL Patent: US 6617110-A 435 09-SEP-2003;

FEATURES

source Location/Qualifiers

1..25

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 5.4e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 4044 CCACGAGGCGCTCTAGCAGGAC 4066

Db 1 CCACGAGCTCTTCAGCAGGAC 23

RESULT 231  
AR469882 25 bp DNA linear PAT 20-FEB-2004  
LOCUS AR469882 Sequence 13559 from patent US 6686188.  
DEFINITION AR469882  
ACCESSION AR469882.1 GI:42704939  
VERSION AR469882.1  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 13559 03-FEB-2004;  
FEATURES  
Location/Qualifiers  
1..25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAG 1610  
Db 3 TGGAGGAGCCAGAGAGAGAG 25

RESULT 232  
AR469883 25 bp DNA linear PAT 20-FEB-2004  
LOCUS AR469883 Sequence 13560 from patent US 6686188.  
DEFINITION AR469883  
ACCESSION AR469883.1 GI:42704940  
VERSION AR469883.1  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 13560 03-FEB-2004;  
FEATURES  
Location/Qualifiers  
1..25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAG 1610  
Db 2 TGGAGGAGCCAGAGAGAGAG 24

RESULT 233  
AR469884 25 bp DNA linear PAT 20-FEB-2004  
LOCUS AR469884 Sequence 13561 from patent US 6686188.  
DEFINITION AR469884  
ACCESSION AR469884.1 GI:42704941  
VERSION AR469884.1  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 13561 03-FEB-2004;  
FEATURES  
Location/Qualifiers  
1..25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAG 1610  
Db 1 TGGAGGAGCCAGAGAGAGAG 23

RESULT 234  
AX009301 25 bp DNA linear PAT 06-SEP-2000  
LOCUS AX009301 Sequence 5 from Patent WO9963081.  
DEFINITION AX009301  
ACCESSION AX009301.1 GI:9996626  
VERSION AX009301.1  
KEYWORDS  
SOURCE Rattus norvegicus (Norway rat)  
ORGANISM Rattus norvegicus  
Rattus norvegicus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Rattus.

REFERENCE 1  
AUTHORS Akopian,A.N., England,S., Wood,J.N. and Chen,C.C.  
TITLE Ion channels  
JOURNAL Patent: WO 9963081-A 5 09-DEC-1999;  
AKOPIAN ARLEN NOROVITCH (GB); UNITV LONDON (GB); ENGLAND STEVEN (GB); WOOD JOHN NICHOLAS (GB); CHEN CHIH CHENG (US)  
FEATURES  
Location/Qualifiers  
1..25  
/organism="Rattus norvegicus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10116"

Query Match 0.3%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2344 CAGACCTCTGTCGACGACGAG 2366  
Db 2 CAGACCTCTGTCGACGACGATG 24

RESULT 235  
AX042470 25 bp DNA linear PAT 23-NOV-2000  
LOCUS AX042470 Sequence 36 from Patent WO0065088.  
DEFINITION AX042470  
ACCESSION AX042470.1 GI:11341078  
VERSION AX042470.1  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Ulfendahl,P.J. and Wong,K.C.  
TITLE Primers for identifying typing or classifying nucleic acids  
JOURNAL Patent: WO 0065088-A 36 02-NOV-2000;  
Amersham Pharmacia Biotech AB (SE)  
FEATURES  
Location/Qualifiers  
1..25  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:332630"  
/note="DBQ heterozygote typing primer sequence"

Query Match 0.3%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1525 ACAGCCACAGAAATCCTGCAG 1547

Db 3 ACAGCCAGAGAGAGATCCTGCAG 25

## RESULT 236

LOCUS

AX042486 25 bp DNA linear PAT 23-NOV-2000

DEFINITION Sequence 52 from Patent WO0065088.

ACCESSION AX042486

VERSION AX042486.1 GI:11341094

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1 Ulfendahl, P. J. and Wong, K. C.

AUTHORS

TITLE Primers for identifying typing or classifying nucleic acids

JOURNAL Patent: WO 0065088-A 52 02-NOV-2000;

Amersham Pharmacia Biotech AB (SE)

Location/Qualifiers

FEATURES

source

1. .25

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="DBQ heterozygote typing primer sequence"

Query Match

Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1525 ACAGCCACAGAAATCCTGCAG 1547

Db 3 ACAGCCAGAGAGATCCTGCAG 25

## RESULT 237

LOCUS

AX197069 25 bp DNA linear PAT 07-SEP-2001

DEFINITION Sequence 776 from Patent WO0151627.

ACCESSION AX197069

VERSION AX197069.1 GI:15387275

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1 Glycine max (soybean)

AUTHORS

TITLE Eukaryota: Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

rosids; eurosid 1; Fabales; Fabaceae; Papilionoideae; Phaseoleae;

Glycine.

JOURNAL

Hauge, B. M., Wang, M. L., Parsons, J. D. and Parnell, L. D.

Nucleic acid molecules and other molecules associated with soybean

cyst nematode resistance

Patent: WO 0151627-A 776 19-JUL-2001;

MONSANTO COMPANY (US)

Location/Qualifiers

FEATURES

source

1. .25

/organism="Glycine max"

/mol\_type="unassigned DNA"

/db\_xref="taxon:3847"

/note="Seq ID: 318013\_region\_A3\_138841\_13\_Reverse\_Primer\_Seq"

Query Match

Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

RESULT 238

AX476797/c 25 bp DNA linear PAT 12-AUG-2002

LOCUS

DEFINITION Sequence 2018 from Patent WO0224750.

ACCESSION AX476797

VERSION AX476797.1 GI:22216082

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1 Zhang, J.

Homo sapiens (human)

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

Human Kidney tumor overexpressed membrane protein 1

Patent: WO 0224750-A 2018 28-MAR-2002;

Aeomica, Inc. (US)

Location/Qualifiers

FEATURES

source

1. .25

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match

Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2193 TTCCTGGCCCTGGGCGACAGAA 2215

Db 24 TCCTGGCCCGGGGTGACAGTA 2

RESULT 240

AX476799/c 25 bp DNA linear PAT 12-AUG-2002

LOCUS

DEFINITION Sequence 2020 from Patent WO0224750.

ACCESSION AX476799

VERSION AX476799.1 GI:22216084

KEYWORDS

SOURCE

ORGANISM

1 Homo sapiens (human)

Homo sapiens





RESULT 245  
AX501149/c 25 bp DNA linear PAT 27-SEP-2002  
LOCUS AX501149  
DEFINITION Sequence 2456 from Patent EP1229046.  
ACCESSION AX501149  
VERSION AX501149.1 GI:23383442  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE  
AUTHORS 1 Zhan, J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 2456 07-AUG-2002;  
Aeomica, Inc. (US)  
FEATURES  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 4041 GGGCCACCGAGGCTCTAGGACG 4063  
|||||  
23 GGGACAGCAGCCCTCTAGGACG 1  
|||||  
RESULT 246  
AX533631/c 25 bp DNA linear PAT 22-NOV-2002  
LOCUS AX533631  
DEFINITION Sequence 3140 from Patent EP1239051.  
ACCESSION AX533631  
VERSION AX533631.1 GI:25259013  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE  
AUTHORS 1 Shannon, M.  
TITLE Human postn-like protein 1  
JOURNAL Patent: EP 1239051-A 3140 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES  
source 1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 820 TGGAGGAGGAGGACGAGCGAC 842  
|||||  
25 TGGAGGAGGAGGACGAGCGAC 3  
|||||  
RESULT 247  
AX810470 25 bp DNA linear PAT 25-NOV-2003  
LOCUS AX810470  
DEFINITION Sequence 435 from Patent EP1333094.  
ACCESSION AX810470  
VERSION AX810470.1 GI:38523962  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 unclassified.

AUTHORS Cech, T.R., Lingner, J., Nakamura, T., Chapman, K.B., Morin, G.B.,  
Harley, C.B. and Andrews, W.H.  
TITLE Human telomerase catalytic subunit  
JOURNAL Patent: EP 1333094-A 435 06-AUG-2003;  
Geron Corporation (US); University Technology Corporation (US)  
FEATURES  
source 1..25  
/organism="unclassified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"  
Query Match 0.3%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 5.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 4044 CCACCGAGGCTCTAGGACGAGC 4066  
|||||  
1 CCACCGAGGCTCTAGGACGAGC 23  
|||||  
RESULT 248  
BD011139 25 bp DNA linear PAT 31-JAN-2002  
LOCUS BD011139  
DEFINITION Human telomerase catalytic subunit.  
ACCESSION BD011139  
VERSION BD011139.1 GI:18639512  
KEYWORDS JP 2001081042-A/96.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Sechi, T.R., Lingner, J., Nakamura, T., Chapman, K.B., Mori, G.B.,  
Harley, C.B. and Andrews, W.H.  
TITLE Human telomerase catalytic subunit  
JOURNAL Patent: JP 2001081042-A 96 27-MAR-2001;  
GERON CORP, UNIVERSITY TECHNOLOGY CORP  
COMMENT OS Unidentified  
PN JP 2001081042-A/96  
PD 27-MAR-2001 JP 2000227474  
PF 27-JUL-2000 JP 2000227474  
PR 01-OCT-1996 US 08/724643, 18-APR-1997 US 08/444419 PR  
25-APR-1997 US 08/846017, 06-MAY-1997 US 08/851843 PR  
09-MAY-1997 US 08/854050, 14-AUG-1997 US 08/913112 PR  
14-AUG-1997 US 08/912951, 14-AUG-1997 US 08/915503 PI THOMAS  
R SECHI, JOACHIM LINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI GREG B  
MORIN,  
PI CALVIN B HARLEY, WILLIAM H ANDREWS  
PC A61K38/00, A61K31/7088, A61K39/00, A61K48/00, A61P35/00, A61P43/00,  
PC C07K5/10,  
PC C07K5/107, C07K5/117, C07K7/06, C07K7/08, C07K16/40, C12N9/12, PC  
C12N15/09,  
PC C12N1/02, C12N1/48, C12N1/68, G01N33/15, G01N33/50, G01N33/53, PC  
G01N33/53,  
PC G01N33/566, G01N33/573//C12P21/08, A61K37/02, C12N15/00 CC  
Strandedness: Single;  
CC Topology: Linear;  
FH Key Location/Qualifiers  
FT source 1..25  
/organism="unclassified".  
Location/Qualifiers  
1..25  
/organism="unclassified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"  
QY 4044 CCACCGAGGCTCTAGGACGAGC 4066  
|||||  
1 CCACCGAGGCTCTAGGACGAGC 23  
|||||

RESULT 249  
AR178167/c  
LOCUS AR178167 18 bp DNA linear PAT 18-DEC-2001  
DEFINITION Sequence 3 from patent US 6316186.  
ACCESSION AR178167  
VERSION AR178167.1 GI:17921060  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Ekine,R,Phillip.  
TITLE Binding assay using binding agents with tail groups  
JOURNAL Patent: US 6316186-A 3 13-NOV-2001;  
FEATURES  
Source 1.18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 3.6e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 271 TCCTCTCTCTCTCTCTC 288  
DB 18 TCCTCTCTCTCTCTCTC 1

RESULT 250  
AR178168  
LOCUS AR178168 18 bp DNA linear PAT 18-DEC-2001  
DEFINITION Sequence 4 from patent US 6316186.  
ACCESSION AR178168  
VERSION AR178168.1 GI:17921061  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Ekine,R,Phillip.  
TITLE Binding assay using binding agents with tail groups  
JOURNAL Patent: US 6316186-A 4 13-NOV-2001;  
FEATURES  
Source 1.18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 3.6e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 270 CTCCTCTCTCTCTCTCT 287  
DB 1 CTCCTCTCTCTCTCTCT 18

RESULT 251  
AR069073  
LOCUS AR069073 20 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 23 from patent US 5854410.  
ACCESSION AR069073  
VERSION AR069073.1 GI:6001280  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Arnold,L.J., Jr., Reynolds,M.A., Schwartz,D.A., and Dally,W.J.  
TITLE Oligonucleoside cleavage compounds and therapeutics  
JOURNAL Patent: US 5854410-A 23 29-DEC-1998;  
FEATURES  
Source 1.20  
Location/Qualifiers

/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 4.2e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 270 CTCCTCTCTCTCTCTCT 287  
DB 2 CTCCTCTCTCTCTCTCT 19

RESULT 252  
AR299125/c  
LOCUS AR299125 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 10860 from patent US 6537751.  
ACCESSION AR299125  
VERSION AR299125.1 GI:31686409  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL Patent: US 6537751-A 10860 25-MAR-2003;  
FEATURES  
Source 1.20  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 4.2e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1786 TTCTCTCCAAAGGCGCAG 1803  
DB 19 TTCTCTCCAAAGGCGTCAG 2

RESULT 253  
AR017719  
LOCUS AR017719 21 bp DNA linear PAT 05-DEC-1998  
DEFINITION Sequence 120 from patent US 5780228.  
ACCESSION AR017719  
VERSION AR017719.1 GI:3973322  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Parma,D.H., Hicke,B., Bridonneau,P. and Gold,L.  
TITLE High affinity nucleic acid ligands to lectins  
JOURNAL Patent: US 5780228-A 120 14-JUL-1998;  
FEATURES  
Source 1.21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 4.5e+02;  
Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 361 AACAGAGTCATCTCACTTA 380  
DB 1 AACATGAAGTAAGTCARTTA 20

RESULT 254  
AR094896  
LOCUS AR094896 21 bp DNA linear PAT 08-SEP-2000  
DEFINITION Sequence 120 from patent US 6001988.

```

ACCESSION AR094896
VERSION AR094896.1 GI:10022255
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 21)
  Unclassified.
AUTHORS Parma,D.H., Hicke,B.J., Bridonneau,P. and Gold,L.
TITLE High affinity nucleic acid ligands to lectins
JOURNAL Patent: US 6001988-A 120 14-DEC-1999;
FEATURES
  source
    1..21
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
  0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4.5e+02;
Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Db
  361 AACAGAGTCAGTCAGTTA 380
  |||||
  1 AACATGAAGTAAGTCARTTA 20

RESULT 255
ARI65555
LOCUS ARI65555
DEFINITION Sequence 120 from patent US 6280932.
ACCESSION ARI65555
VERSION ARI65555.1 GI:16240498
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
  1 (bases 1 to 21)
  Unclassified.
AUTHORS Parma,D.H., Hicke,B., Bridonneau,P. and Gold,L.
TITLE High affinity nucleic acid ligands to lectins
JOURNAL Patent: US 6280932-A 120 28-AUG-2001;
FEATURES
  source
    1..21
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
  0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4.5e+02;
Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy
  361 AACAGAGTCAGTCAGTTA 380
  |||||
  1 AACATGAAGTAAGTCARTTA 20
  Db

RESULT 256
ARI304756
LOCUS ARI304756
DEFINITION Sequence 120 from patent US 6544959.
ACCESSION ARI304756
VERSION ARI304756.1 GI:31693944
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
  1 (bases 1 to 21)
  Unclassified.
AUTHORS Parma,D.H., Hicke,B., Bridonneau,P. and Gold,L.
TITLE High affinity nucleic acid ligands to lectins
JOURNAL Patent: US 6544959-A 120 08-APR-2003;
FEATURES
  source
    1..21
    /organism="unknown"
    /mol_type="unassigned RNA"

Query Match
  0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4.5e+02;

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Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy
  361 AACAGAGTCAGTCAGTTA 380
  |||||
  1 AACATGAAGTAAGTCARTTA 20
  Db

RESULT 257
AX591855
LOCUS AX591855
DEFINITION Sequence 216 from Patent WO0246409.
ACCESSION AX591855
VERSION AX591855.1 GI:27950125
KEYWORDS
SOURCE
  synthetic construct
  synthetic construct
  artificial sequences.
ORGANISM
REFERENCE
  1
  Guo,X., Li,L., Patnrajan,M., Shinkete,R.A., Caeman,S.J.,
  Malankar,U.M., Tchernev,V.T., Vernet,C.A., Spytek,K.A.,
  Shenoy,S.G., Alsbrook,J.P., Edinger,S., Peyman,J.A., Stone,D.J.,
  Ellemman,K., Gangoli,E.A., Boldog,F.L., Colman,S.D., Eisen,A.J.,
  Liu,X., Padigaru,M., Spaderna,S.K. and Zerhusen,B.D.
  Proteins and nucleic acids encoding same
  Patent: WO 0246409-A 216 13-JUN-2002;
  Curagen Corporation (US)
  Location/Qualifiers
    1..22
    /organism="synthetic construct"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32630"
    /note="CHEMICALLY SYNTHESIZED"

FEATURES
  source

Query Match
  0.3%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy
  2374 CAGAGAGGAGGAGGAGA 2391
  |||||
  1 CAAAGAGGAGGAGGAGA 18
  Db

RESULT 258
AX926740
LOCUS AX926740
DEFINITION Sequence 23 from Patent WO03085133.
ACCESSION AX926740
VERSION AX926740.1 GI:40247070
KEYWORDS
SOURCE
  synthetic construct
  synthetic construct
  artificial sequences.
ORGANISM
REFERENCE
  1
  NagaraJu,J.G.
  Novel f1ssr-pcr primers and method of identifying genotyping
  diverse genomes of plant and animal systems including rice
  varieties, a kit thereof
  Patent: WO 03085133-A 23 16-OCT-2003;
  Centre for DNA Fingerprinting and Diagnostics, Centre for; the
  Department of Biotechnology, Ministry of Science & Technology (IN)
  Location/Qualifiers
    1..22
    /organism="synthetic construct"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32630"
    /note="A novel FISSR-PCR primer for genotyping eukaryotes"

FEATURES
  source

Query Match
  0.3%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy
  4416 AATATATATATATATAT 4433
  |||||

```

Db 5 AATAATAATAATAAT 22

RESULT 259  
LOCUS AX937570 22 bp DNA linear PAT 06-JAN-2004  
DEFINITION Sequence 50 from Patent EP1361433.  
ACCESSION AX937570  
VERSION AX937570.1 GI:40713610  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Yanai,Y.C., Yamamoto,S.C., Yamamoto,K.C. and Ikegami,H.C.  
TITLE Method for estimating therapeutic efficacy of tumor necrosis factor (TNF)  
JOURNAL Patent: EP 1361433-A 50 12-NOV-2003;  
KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO (JP)  
FEATURES  
source location/Qualifiers  
1. .22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide used as primer for PCR detection of NF- $\kappa$ Bp50 mRNA"

Query Match 0.3%; Score 16.4; DB 1; Length 22;  
Best Local Similarity 94.4%; Pred. No. 4.9e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 736 TCTTCACCAAGCTGACC 753  
Db 18 TCTTCACCATCTGACC 1

RESULT 260  
LOCUS AX18212 24 bp DNA linear PAT 14-DEC-2001  
DEFINITION Sequence 13 from Patent WO0190163.  
ACCESSION AX18212  
VERSION AX18212.1 GI:17900895  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Ng,G.Y.  
TITLE Use of the gaba b<sub>2</sub> receptor in assays to identify gamma hydroxybutyrate agonists, antagonists, and allosteric modulators of agonists  
JOURNAL Patent: WO 0190163-A 13 29-NOV-2001;  
Merck Frosst Canada & Co. (CA)  
FEATURES  
source location/Qualifiers  
1. .24  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer"

Query Match 0.3%; Score 16.4; DB 1; Length 24;  
Best Local Similarity 94.4%; Pred. No. 5.5e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1230 CAGCTCTCCCGGGCTC 1247  
Db 19 CGGCTCTCCCGGGCTC 2

RESULT 261  
LOCUS CG619543 25 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 4283 from Patent WO0192524.

ACCESSION CG619543  
VERSION CG619543.1 GI:41669761  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 4283 06-DEC-2001;  
Neomica, Inc. (US)  
FEATURES  
source location/Qualifiers  
1. .25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 16.4; DB 1; Length 25;  
Best Local Similarity 94.4%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 772 AGAAGGAAAATGCGGC 789  
Db 1 AGAAGGAAAATGCGGC 18

RESULT 262  
LOCUS AR460606 25 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 4283 from patent US 6686188.  
ACCESSION AR460606  
VERSION AR460606.1 GI:42695663  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 25)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 4283 03-FEB-2004;  
FEATURES  
source location/Qualifiers  
1. .25  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 25;  
Best Local Similarity 94.4%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 772 AGAAGGAAAATGCGGC 789  
Db 1 AGAAGGAAAATGCGGC 18

RESULT 263  
LOCUS AR084563 21 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 52 from patent US 5981185.  
ACCESSION AR084563  
VERSION AR084563.1 GI:10011334  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 52 09-NOV-1999;  
FEATURES location/Qualifiers

**Source**

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1. .21
/organism="unknown"
/mol_type="unassigned DNA"
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Query Match	0.3%;	Score 16.2;	DB 1;	Length 21,
Best Local Similarity	85.7%;	Pred. No. 4.9e+02;		
Matches 18;	Conservative	0;	Mismatches 3;	Indels

```

Qy      3918  CCGACGCGCGCGCGCGCGCTG  3938
          |||||
Db      1    CCGCGCGCGCGCGCGCGCG  21

```

RESULT 264  
AD094566

LOCUS	AR084566	21 bp	DNA	linear	PAT 01-SEP-2000
DEFINITION	Sequence 55 from patent US 5981185.				
ACCESSION	AR084566				
VERSION	AR084566.1	GI:10011337			
KEYWORDS					
SOURCE	unknown.				
ORGANISM	unknown.				

REFERENCE	1 (bases 1 to 21)
AUTHORS	Mateon, R.S., Coasens, P.J., Rampal, J.B. and Caskey, C.Thomas
TITLE	Oligonucleotide repeat arrays
JOURNAL	Patent: US 5911185-A 55 03-NOV-1999;
FEATURES	Location/Qualifiers
source	1..21

Query Match	0.3%	Score 16.2	DB 1	length 21
Best Local Similarity	85.7%	Pred. No. 4.9e+02		
Matches 18; Conservative	0	Mismatches 3	Indels 0	Gaps 0
Qy	3916	CCCCGAGCGCGCGCGCGCGC	3936	
Db	1	CcGcGcGcGcGcGcGcGcGcGc	21	

[illegible]

```

AUTHORS      Watson, R.S., Coashin, P. J., Rampal, J.B. and Caskey, C. Thomas
TITLE        Oligonucleotide repeat arrays
JOURNAL       Patent: US 591185-A 56 09-NOV-1999;
FEATURES      location/Qualifiers
              1..21
              /organism="unknown"
              /mol_type="unassigned DNA"

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Query Match	0.3%	Score 16.2;	DB 1;	length 21;
Best Local Similarity	85.7%	Pred. No. 4.9e+02;		
Matches	18;	Conservative	0;	Mismatches 3;
				Indels 0;
				Gaps 0;
Qy	3918	CCGACGCCCGCGCGCCGCGCTG	3938	
db	21	CCGCGCGCGCGCGCGCGCGCG	1	

RESULT 266				
AR084578				
LOCUS	AR084578	21 bp	DNA	linear
DEFINITION	Sequence 67 from patent US 5961185.			PAT 01-SEP-2000

ACCESSION	AR084578	
VERSION	AR084578.1	GI:10011349
KEYWORDS		
SOURCE	.	
ORGANISM	Unknown.	

**AUTHORS** Watson, R.S., Coassin, P.J., Rampall, J.B. and Caskey, C.Thomas  
**TITLE** Oligonucleotide repeat arrays  
**JOURNAL** Patent: US 5981185-A 67 09-NOV-1999;  
**FEATURES** Location/Qualifiers  
**source** 1. 21

Query Match	0.3%	Score 16.2	DB 1	Length 21
Best Local Similarity	85.7%	Pred. No. 4.9e+02		
Matches 18	Conservative	0	Mismatches 3	Indels 0
				Gaps 0
Qy	3920	GAACGCGCGCGCGCGCTGCC	3940	
Db	1	GCGCGCGCGCGCGCGCGCC	21	

LOCUS	SEQUENCE	FROM PATENT	US	5981185	21 bp	DNA	1linear	PAT 01-SEP-2000
AR084579	AR084579	68						
AR084579	AR084579							
AR084579.1	GI:10011350							

ORGANISM	Unknown.
REFERENCE	Unclassified.
AUTHORS	1 (bases 1 to 21)
TITLE	Matson, R.S., Coassins, P.J., Rampal, J.B. and Caskey, C.Thomas
JOURNAL	Patent: US 5981185-A 69 09-NOV-1999;
FEATURES	Location/Qualifiers
source	1. .21

		0.3%;	Score 16.2;	DB 1;	Length 21;
Query Match		85.7%;	Pred. No. 4.9e+02;		
Best Local Similarity					
Matches 18;	Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;
OY	3916	CCCCGACGCCCGAGCCGCCGC	3936		
D8	21	CGCGCGCGCGCGCGCGCGC	1		

RESULT	268		
AR084582/c			
LOCUS	AR084582	21 bp	DNA
DEFINITION	Sequence	71 from patent US 5981185.	linear
ACCESSION	AR084582		
VERSION	AR084582.1	GI:1001353	

REFERENCE	1 (pages 1 to 21)
AUTHORS	Watson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C. Thomas
TITLE	Oligonucleotide repeat arrays
JOURNAL	Patent: US 5981185-A 71 09-NOV-1999;
FEATURES	location/qualifiers
source	1, 21

	/mol_type="unassigned DNA"
Query Match	0.3%; Score 16.2; DB 1; Length 21
Best Local Similarity	85.7%; Pred. No. 4.9e+02;

RESULT 266				
AR084578				
LOCUS	AR084578	21 bp	DNA	linear
DEFINITION	Sequence 67 from patent US 5961185.			PAT 01-SEP-2000

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3920 GACGCGCGCGCGCGCTGCC 3940  
 Db 21 GCGCGCGCGCGCGCGCGCC 1

RESULT 269  
 AR093142/c AR093142 21 bp DNA linear PAT 08-SEP-2000  
 LOCUS Sequence 11 from patent US 5998596.  
 DEFINITION AR093142  
 ACCESSION AR093142 GI:10019894  
 VERSION AR093142.1 GI:10019894  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE  
 AUTHORS Bergan, R. and Neckers, L.  
 TITLE Inhibition of protein kinase activity by aptameric action of oligonucleotides  
 JOURNAL Patent: US 5998596-A 11 07-DEC-1999;  
 FEATURES Location/Qualifiers  
 source 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
 Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3920 GACGCGCGCGCGCGCTGCC 3940  
 Db 21 GCGCGCGCGCGCGCGCGCC 1

RESULT 270  
 AR139686/c AR139686 21 bp DNA linear PAT 16-JUN-2001  
 LOCUS Sequence 30 from patent US 6207401.  
 DEFINITION AR139686  
 ACCESSION AR139686  
 VERSION AR139686.1 GI:14482182  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE  
 AUTHORS Ploeman, G. and Mossie, K.  
 TITLE Diagnosis and treatment of AUR-1 and/or AUR-2 related disorders  
 JOURNAL Patent: US 6207401-A 30 27-MAR-2001;  
 FEATURES Location/Qualifiers  
 source 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
 Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1139 GAAAGTGACCACTGCTCTG 1159  
 Db 21 GAAAGTGACCACTGCTCTG 1

RESULT 271  
 BD226160 21 bp DNA linear PAT 17-JUN-2003  
 LOCUS BD226160  
 DEFINITION Glaucoma therapeutics and diagnostics based on a novel human transcription factor.  
 ACCESSION BD226160  
 VERSION BD226160.1 GI:33035930  
 KEYWORDS JP 2002511265-A/11.  
 SOURCE Synthetic construct

ORGANISM  
 REFERENCE  
 AUTHORS Sheffield, V.C., Alward, W.L.M., Stone, E.M., Nishimura, D. and Pacil, S.  
 TITLE Glaucoma therapeutics and diagnostics based on a novel human transcription factor  
 JOURNAL Patent: JP 2002511265-A 11 16-APR-2002;  
 COMMENT THE UNIVERSITY OF IOWA RESEARCH FOUNDATION  
 OS Artificial Sequence  
 PN JP 2002511265-A/11  
 PD 16-APR-2002  
 PF 14-APR-1999 JP 2000543608  
 PR 15-APR-1998 US 60/081870, 22-MAY-1998 US 09/083352 PI  
 VAL C SHEFFIELD, WALLACE L M ALWARD, EDWIN M STONE, DARRYL PI  
 NISHIMURA,  
 PI SHIVA PATIL  
 PC C12N15/00, A61K45/00, A61P27/06, C07K14/47, C12N1/15, C12N1/19, PC  
 C12N1/21,  
 PC C12N5/10, C12P21/02, C12Q1/68, G01N33/15, G01N33/50, C12N15/00, PC  
 C12N5/00  
 CC Description of Artificial Sequence: primer  
 FH Key Location/Qualifiers  
 FT source 1..21  
 /organism="Artificial Sequence".  
 FEATURES Location/Qualifiers  
 source 1..21  
 /organism="synthetic construct"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32630"

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
 Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3247 CCAACTACATGAGAGTGCGGC 3267  
 Db 1 CCAACTCCCTCGGAGAGTGTC 21

RESULT 272  
 CQ799909 21 bp DNA linear PAT 28-APR-2004  
 LOCUS CQ799909  
 DEFINITION Sequence 7 from Patent WO2004030660.  
 ACCESSION CQ799909  
 VERSION CQ799909.1 GI:46848856  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE  
 AUTHORS Gleave, M.E., Rocchi, P. and Sigalevsky, M.  
 TITLE Compositions for treatment of prostate and other cancers  
 JOURNAL Patent: WO 2004030660-A 7 15-APR-2004;  
 FEATURES The University of British Columbia (CA)  
 Location/Qualifiers  
 source 1..21  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
 Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3354 AAGAGTCCCGCTGGGCGCC 3374  
 Db 1 AAGGGGTCCAGCTGGGCGCC 21

RESULT 273  
 CQ830490

LOCUS CO830490 21 bp DNA linear PAT 12-JUL-2004  
DEFINITION Sequence 2 from Patent WO2004055153.  
ACCESSION CO830490  
VERSION CO830490.1 GI:50250830  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 Schluesener, H. and Wendel, H.P.  
AUTHORS Devices coated with substances that mediate the adhesion of  
TITLE biological material  
JOURNAL Patent: WO 2004055153-A 2 01-JUL-2004;  
Eberhard-Karls-Universitaet Tuebingen (DE)  
FEATURES  
Source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Nucleotide sequence"

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3918 CCGAGCGCGCGCGCGCGCTG 3938  
Db 1 CCGCGCGCGCGCGCGCGCG 21

RESULT 274  
LOCUS CO830491 21 bp DNA linear PAT 12-JUL-2004  
DEFINITION Sequence 3 from Patent WO2004055153.  
ACCESSION CO830491  
VERSION CO830491.1 GI:50250831  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 Schluesener, H. and Wendel, H.P.  
AUTHORS Devices coated with substances that mediate the adhesion of  
TITLE biological material  
JOURNAL Patent: WO 2004055153-A 3 01-JUL-2004;  
Eberhard-Karls-Universitaet Tuebingen (DE)  
FEATURES  
Source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Nucleotide sequence"

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3916 CCGCGAGCGCGCGCGCGCG 3936  
Db 21 CGCGCGCGCGCGCGCGCGCG 1

RESULT 275  
LOCUS CO830492 21 bp DNA linear PAT 12-JUL-2004  
DEFINITION Sequence 4 from Patent WO2004055153.  
ACCESSION CO830492  
VERSION CO830492.1 GI:50250832  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 artificial sequences.

AUTHORS Schluesener, H. and Wendel, H.P.  
TITLE Devices coated with substances that mediate the adhesion of  
JOURNAL biological material  
Patent: WO 2004055153-A 4 01-JUL-2004;  
Eberhard-Karls-Universitaet Tuebingen (DE)  
FEATURES  
Source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Nucleotide sequence"

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3918 CCGAGCGCGCGCGCGCGCTG 3938  
Db 21 CCGCGCGCGCGCGCGCGCG 1

RESULT 276  
LOCUS AR292596 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 4331 from patent US 6537751.  
ACCESSION AR292596  
VERSION AR292596.1 GI:31679880  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 Unclassified.  
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL disequilibrium map of the human genome  
Patent: US 6537751-A 4331 25-MAR-2003;  
FEATURES  
Source Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2806 GAGAAATGAGAGAGACTG 2826  
Db 21 GAGATATGAGAGAGACTG 1

RESULT 277  
LOCUS AR491649 21 bp DNA linear PAT 15-MAY-2004  
DEFINITION Sequence 30 from patent US 6716575.  
ACCESSION AR491649  
VERSION AR491649.1 GI:47259839  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 Unclassified.  
AUTHORS Plowman, G. and Mossie, K.  
TITLE Diagnosis and treatment of AUR1 and/or AUR2 related disorders  
JOURNAL Patent: US 6716575-A 30 06-APR-2004;  
FEATURES  
Source Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1139 GAAACTGACCACCTGCTCTG 1159  
 |||||  
 DB 21 GAAAGTGACCACCTGCTCCCTG 1

RESULT 278  
 AR494490/c 21 bp DNA linear PAT 15-MAY-2004  
 LOCUS AR494490  
 DEFINITION Sequence 50 from patent US 6720175.  
 ACCESSION AR494490  
 VERSION AR494490.1 GI:47268787  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
 Worley, P.F., Yu, J.C., Xiao, B., Leahy, D., Beneken, J., Lananhan, A.A.  
 and Brakeman, P.R.  
 TITLE Nucleic acid molecule encoding homer 1B protein  
 JOURNAL Patent: US 6720175-A 50 13-APR-2004;  
 LOCATION/Qualifiers

FEATURES  
 source 1..21  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
 Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3053 GGGGAGATCAAGCTGCAGAC 3073  
 |||||  
 DB 21 GTGGAGATGAGCTGCAGAC 1

RESULT 279  
 BD140133/c 21 bp DNA linear PAT 18-SEP-2002  
 LOCUS BD140133  
 DEFINITION Diagnosis and treatment of AUR-1 and/or AUR-2 related disorders.  
 ACCESSION BD140133  
 VERSION BD140133.1 GI:23235078  
 KEYWORDS JP 2002508937-A/7.  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.

REFERENCE 1 (bases 1 to 21)  
 Plozman, G.D. and Mosele, K.  
 TITLE Diagnosis and treatment of AUR-1 and/or AUR-2 related disorders  
 JOURNAL Patent: JP 2002508937-A 7 26-MAR-2002;  
 SUGEN INC

## COMMENT

OS Unidentified  
 PN JP 2002508937-A/7  
 PD 26-MAR-2002  
 PE 21-JAN-1999 JP 2000528695  
 PR 22-JAN-1998 US 09/012135  
 PI GREGORY D PLOWMAN, KEVIN MOSSIE  
 PC C12N15/09, A61K31/7088, A61K45/00, A61P35/00, C07K16/40, C12N1/15,  
 PC C12N1/21, C12N5/10, C12N9/12, C12P21/08, C12Q1/48, C12Q1/68, G01N33/  
 PC 573.  
 PC C12N15/00, C12N5/00  
 CC Strandedness: Single;  
 CC Topology: Linear;  
 CC Diagnosis and treatment of AUR-1 and/or AUR-2 related CC  
 disorders  
 FH Key Location/Qualifiers  
 FT source 1..21  
 /organism="unidentified".  
 location/Qualifiers  
 1..21  
 /organism="unidentified"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32644"

## FEATURES

source

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
 Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1139 GAAACTGACCACCTGCTCTG 1159  
 |||||  
 DB 21 GAAAGTGACCACCTGCTCCCTG 1

RESULT 280  
 A61438/c 22 bp DNA linear PAT 09-MAR-1998  
 LOCUS A61438  
 DEFINITION Sequence 7 from Patent WO9710332.  
 ACCESSION A61438  
 VERSION A61438.1 GI:3715850  
 KEYWORDS  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.

REFERENCE 1  
 Schmidt, G.  
 TITLE CHIMERIC OLIGONUCLEOTIDES AND USES THEREOF IN THE IDENTIFICATION  
 OF ANTISENSE BINDING SITES  
 JOURNAL Patent: WO 9710332-A 7 20-MAR-1997;  
 BRAX GENOMICS LTD (GB)  
 LOCATION/Qualifiers

FEATURES  
 source 1..22  
 /organism="unclassified"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 16.2; DB 1; Length 22;  
 Best Local Similarity 85.7%; Pred. No. 5.3e+02;  
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1601 GAAAGGAAATCTCTCGGAA 1621  
 |||||  
 DB 22 GAAAGGAAAGAGCTGACGAA 2

RESULT 281  
 A86933 22 bp DNA linear PAT 22-JAN-2000  
 LOCUS A86933  
 DEFINITION Sequence 24 from Patent WO9838306.  
 ACCESSION A86933  
 VERSION A86933.1 GI:6735717  
 KEYWORDS  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.

REFERENCE 1 (bases 1 to 22)  
 Dolganov, G.  
 TITLE TRANSCRIPTS ENCODING IMMUNOMODULATORY POLYPEPTIDES  
 JOURNAL Patent: WO 9838306-A 24 03-SEP-1998;  
 GENELABS TECH INC (US)  
 LOCATION/Qualifiers

FEATURES  
 source 1..22  
 /organism="unclassified"  
 /mol\_type="unassigned DNA"  
 /isolates="PRIMER BGR1-6"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 16.2; DB 1; Length 22;  
 Best Local Similarity 85.7%; Pred. No. 5.3e+02;  
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 263 CCCCCCTCTCTCTCTTCT 283  
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 DB 1 CCACCTCTCTCTCTCTCTCT 21

RESULT 282  
 AR048345



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LOCUS AR048345 22 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 24 from patent US 5821091.
ACCESSION AR048345
VERSION AR048345.1 GI:5970688
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS Dolganov, G.
TITLE Method of identifying activated T-cells
JOURNAL Patent: US 5821091-A 24 13-OCT-1998;
FEATURES
source
1. 22
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 263 CCCCCCCTCTCTCTCTTCT 283
Db 1 CCACCTCCTCTCTCTCTCT 21

RESULT 283
AR079236
LOCUS AR079236 22 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 24 from patent US 5965427.
ACCESSION AR079236
VERSION AR079236.1 GI:10005982
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS Dolganov, G. and Novikov, A.
TITLE Human RAD50 gene and methods of use thereof
JOURNAL Patent: US 5965427-A 24 12-OCT-1999;
FEATURES
source
1. 22
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 263 CCCCCCCTCTCTCTCTTCT 283
Db 1 CCACCTCCTCTCTCTCTCT 21

RESULT 284
AR172577/c
LOCUS AR172577 22 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 9 from patent US 6303328.
ACCESSION AR172577
VERSION AR172577.1 GI:17912068
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS Re, R. and Cook, J.
TITLE Inhibition of cellular proliferation in vitro by oligonucleotide binding to a chromosomal binding site for p53 protein
JOURNAL Patent: US 6303328-A 9 16-OCT-2001;
FEATURES
source
1. 22
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 263 CCCCCCCTCTCTCTCTTCT 283
Db 1 CCACCTCCTCTCTCTCTCT 21

RESULT 285
GAAGAGAAATGAGAGAGA 2822
Db 22 GAAAGAGAAAAGAGAGAA 2

RESULT 285
CO827456 22 bp DNA linear PAT 29-JUN-2004
LOCUS CO827456
DEFINITION Sequence 51 from Patent WO2004050702.
ACCESSION CO827456
VERSION CO827456.1 GI:49455911
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Ibberson, M., Feger, G., Power, C. and Yorke-Smith, M.
TITLE Novel ifngamma-like polypeptides
JOURNAL Patent: WO 2004050702-A 51 17-JUN-2004;
FEATURES
source
1. 22
/mol_type="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2130 CACTTGACTTCAGGAGTGAA 2150
Db 1 CACATGACTTCAGGAATGAA 21

RESULT 286
CO841351 22 bp DNA linear PAT 02-AUG-2004
LOCUS CO841351
DEFINITION Sequence 4 from Patent WO2004060390.
ACCESSION CO841351
VERSION CO841351.1 GI:50893138
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Latil, A., Grisoni, S., Chene, L. and Bienayme, H.
TITLE Use of a specific inhibitor of the Shc2b receptor for the treatment of cancer
JOURNAL Patent: WO 2004060390-A 4 22-JUL-2004;
FEATURES
source
1. 22
/mol_type="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="amorce"

Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3133 CCACTGGGCCAAGACCTTGA 3153
Db 2 CCACTGAGCCAAAGACATGA 22
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RESULT 287  
LOCUS CO846359 22 bp DNA linear PAT 02-AUG-2004  
DEFINITION Sequence 4 from Patent WO2004061408.  
ACCESSION CO846359  
VERSION CO846359.1 GI:50895644  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Laticl,A., Chene,L., Grisoni,S. and Bienayme,H.  
TITLE Use of a non-specific inhibitor of the Shc2b receptor for the  
JOURNAL treatment of prostate cancer  
Patent: WO 2004061408-A 4 22-JUL-2004;  
Urogene Societe anonyme (PR)  
FEATURES  
Source Location/Qualifiers  
1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="amorce"

Query Match 0.3%; Score 16.2; DB 1; Length 22;  
Best Local Similarity 85.7%; Pred. No. 5.3e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3133 CCAAGTGGCCCAAGACCTGA 3153  
Db 2 CCAAGTGGCCCAAGACGATGA 22

RESULT 288  
LOCUS AR199059/c 22 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 7 from patent US 6355418.  
ACCESSION AR199059  
VERSION AR199059.1 GI:20249133  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Schmidt,G.  
TITLE Chimeric oligonucleotides and uses thereof in the identification of  
JOURNAL antisense binding sites  
Patent: US 6355418-A 7 12-MAR-2002;  
FEATURES  
Source Location/Qualifiers  
1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 22;  
Best Local Similarity 85.7%; Pred. No. 5.3e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1601 GAAGAGAGACTCTGCGGAA 1621  
Db 22 GAAGAGAGAGGCTGAGGAA 2

RESULT 289  
LOCUS AR309667 22 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 24 from patent US 6555666.  
ACCESSION AR309667  
VERSION AR309667.1 GI:31701744  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Dolganov,G.

TITLE Transcripts encoding immunomodulatory polypeptides  
JOURNAL Patent: US 6555666-A 24 29-APR-2003;  
FEATURES Location/Qualifiers  
Source 1..22  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 22;  
Best Local Similarity 85.7%; Pred. No. 5.3e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 263 CCCCCCTCTCTCTCTTCT 283  
Db 1 CCACCTCTCTCTCTCTCT 21

RESULT 290  
LOCUS AR430168/c 22 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 9 from patent US 6645944.  
ACCESSION AR430168  
VERSION AR430168.1 GI:40190840  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Re,R. and Cook,J.  
TITLE Inhibition of cellular proliferation by oligonucleotide binding to  
JOURNAL a chromosomal binding site for p53 protein  
Patent: US 6645944-A 9 11-NOV-2003;  
FEATURES  
Source Location/Qualifiers  
1..22  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 22;  
Best Local Similarity 85.7%; Pred. No. 5.3e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2802 GAGGAGAAATAGAGGA 2822  
Db 22 GAAAGAGAAAGAGAGAGA 2

RESULT 291  
LOCUS AR062822/c 23 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 9 from patent US 5843757.  
ACCESSION AR062822  
VERSION AR062822.1 GI:5990513  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Vogelstein,B., Kinzler,K.W. and Nicolaides,N.C.  
TITLE Human JTV1 gene overlaps PMS2 gene  
JOURNAL Patent: US 5843757-A 9 01-DEC-1998;  
FEATURES  
Source Location/Qualifiers  
1..23  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 23;  
Best Local Similarity 85.7%; Pred. No. 5.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2279 CCGTGTGATCTGCTTACCTG 2299  
Db 23 CCGTGTGAGCTTCCCACTG 3

RESULT 292  
AR428171/c 23 bp DNA linear PAT 18-DEC-2003  
LOCUS AR428171  
DEFINITION Sequence 50 from patent US 6641996.  
ACCESSION AR428171  
VERSION AR428171.1 GI:40187564  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Jefferson,R.A. and Mayer,V.E.  
TITLE Microbial .beta.-glucuronidase genes, gene products and uses thereof  
JOURNAL Patent: US 6641996-A 50 04-NOV-2003;  
FEATURES  
source Location/Qualifiers  
1..23  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 23;  
Best Local Similarity 85.7%; Pred. No. 5.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5146 CTTTTCACATACAGAAATT 5166  
|||||  
Db 21 CTTTTCACATATGCAGAAATT 1

RESULT 293  
AX671007/c 23 bp DNA linear PAT 27-MAR-2003  
LOCUS AX671007  
DEFINITION Sequence 26 from Patent EP1277842.  
ACCESSION AX671007  
VERSION AX671007.1 GI:29329491  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Sudo,Y. and Some,M.  
TITLE Method for quantifying nucleic acid by cell counting  
JOURNAL Patent: EP 1277842-A 26 22-JAN-2003;  
FEATURES  
source Location/Qualifiers  
1..23  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 16.2; DB 1; Length 23;  
Best Local Similarity 85.7%; Pred. No. 5.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1300 AGCTCAGCCACTGACAGCC 1320  
|||||  
Db 23 AACTCGTCAACTGACAGCC 3

RESULT 294  
BD094338/c 23 bp DNA linear PAT 27-AUG-2002  
LOCUS BD094338  
DEFINITION Method for analyzing nucleic acid.  
ACCESSION BD094338  
VERSION BD094338.1 GI:22639926  
KEYWORDS JP 2001349889-A/26.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Sudo,Y. and Orikasa,A.  
TITLE Method for analyzing nucleic acid

JOURNAL Patent: JP 2001349889-A 26 21-DEC-2001;  
FUJI PHOTO FILM CO LTD  
COMMENT OS Artificial Sequence  
PN JP 2001349889-A/26  
PD 21-DEC-2001  
PF 08-JUN-2000 JP 2000171572  
PI YUKIO SUDO,ATSUSHI ORIKASA  
PC G01N33/50,C12N15/09,C12Q1/28,C12Q1/42,C12Q1/68,G01N33/53, PC  
G01N33/566,  
PC C12N15/00  
CC Description of Artificial Sequence: an artificially CC  
synthesized primer  
CC sequence  
FH Key Location/Qualifiers  
FH source 1..23 /organism='Artificial Sequence'.  
FT Location/Qualifiers  
1..23  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 16.2; DB 1; Length 23;  
Best Local Similarity 85.7%; Pred. No. 5.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1300 AGCTCAGCCACTGACAGCC 1320  
|||||  
Db 23 AACTCGTCAACTGACAGCC 3

RESULT 295  
A23770/c 24 bp DNA linear PAT 01-APR-1995  
LOCUS A23770  
DEFINITION oligonucleotide no.19.  
ACCESSION A23770  
VERSION A23770.1 GI:904345  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 24)  
AUTHORS STRAMEN-SPECIFIC PROMOTERS FROM RICE  
TITLE Patent: WO 9213956-A 28 20-AUG-1992;  
JOURNAL Location/Qualifiers  
1..24  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3863 CAAGAGCCCATCAAGCCTTC 3883  
|||||  
Db 23 CAAGAGATCATCAAGCGTC 3

RESULT 296  
CQ794064/c 24 bp DNA linear PAT 19-APR-2004  
LOCUS CQ794064  
DEFINITION Sequence 13 from Patent EP1403385.  
ACCESSION CQ794064  
VERSION CQ794064.1 GI:46406706  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Duranfel,D., Duranfel,S., Trepo,C. and Zoulim,F.  
TITLE Method for assaying replication of HBV and testing susceptibility

JOURNAL .drugs  
Patent: EP 1403385-A 13 31-MAR-2004;  
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)  
(FR)

FEATURES  
source Location/Qualifiers  
1..24  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"

Query Match 0.3%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 78.3%; Pred. No. 6e+02;  
Matches 18; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Db 64 CCATGCTGCTAGGCGCATGCTTC 86  
24 CCATGCTGCTAGGCTGCTGC 2

RESULT 297  
LOCUS CQ798549 24 bp DNA linear PAT 20-APR-2004  
DEFINITION Sequence 13 from Patent WO2004029301.  
ACCESSION CQ798549  
VERSION CQ798549.1 GI:46426911  
KEYWORDS  
SOURCE .  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE  
1 Duranbel,D., Duranbel,S., Trepo,C. and Zoulim,F.  
TITLE Method for assaying replication of hbv and testing susceptibility to drugs  
JOURNAL Patent: WO 2004029301-A 13 08-APR-2004;  
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)  
(E.P.S.T.) (FR)  
location/Qualifiers

FEATURES  
source 1..24  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"

Query Match 0.3%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 78.3%; Pred. No. 6e+02;  
Matches 18; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Db 64 CCATGCTGCTAGGCGCATGCTTC 86  
24 CCATGCTGCTAGGCTGCTGC 2

RESULT 298  
LOCUS 147756 24 bp DNA linear PAT 07-OCT-1997  
DEFINITION Sequence 28 from patent US 5639948.  
ACCESSION 147756  
VERSION 147756.1 GI:2471721  
KEYWORDS  
SOURCE .  
ORGANISM Unknown.  
Unclassified.

REFERENCE  
1 (bases 1 to 24)  
AUTHORS Michiels,F., Morioka,S., Scheirlinck,T. and Komari,T.  
TITLE Stamen-specific promoters from rice  
JOURNAL Patent: US 5639948-A 28 17-JUN-1997;  
location/Qualifiers

FEATURES  
source 1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 24;

Best Local Similarity 85.7%; Pred. No. 6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 3863 CAGAGCCCATCAGCCTTC 3883  
23 CAGAGATCCATCAGCCTTC 3

RESULT 299  
LOCUS AX354421 24 bp DNA linear PAT 06-FEB-2002  
DEFINITION Sequence 67 from Patent WO0196523.  
ACCESSION AX354421  
VERSION AX354421.1 GI:18619263  
KEYWORDS  
SOURCE .  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE  
1 Kennedy,G.C., Kang,S., Reinhard,C. and Jefferson,A.B.  
AUTHORS Polynucleotides related to colon cancer  
TITLE Patent: WO 0196523-A 67 20-DEC-2001;  
JOURNAL CHIRON CORPORATION (US)  
location/Qualifiers

FEATURES  
source 1..24  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Reverse control oligonucleotide"

Query Match 0.3%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 2366 GCTGCTCAGCAGAGAGGGA 2386  
3 GCCGCTCAGAGTGAAGAGA 23

RESULT 300  
LOCUS AX710221 24 bp DNA linear PAT 10-APR-2003  
DEFINITION Sequence 3 from Patent WO03015505.  
ACCESSION AX710221  
VERSION AX710221.1 GI:29786808  
KEYWORDS  
SOURCE .  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE  
1 Melchner,H.V., Thorey,I.S., Wempe,F., Steiner-Kock,A. and Kesk1-Oja,U.  
TITLE An animal model exhibiting cancer, pulmonary emphysema and cardiomyopathy  
JOURNAL Patent: WO 03015505-A 3 27-FEB-2003;  
JOURNAL Francken Biotechnologie AG (DE)  
location/Qualifiers

FEATURES  
source 1..24  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 327 CAGCTCAGTTCTTCCCTC 347  
23 CAGCCAGTTCTTCCCTC 3

RESULT 301

AR099375/c AR099375 18 bp DNA linear PAT 14-FEB-2001  
LOCUS Sequence 29 from patent US 6077709.  
ACCESSION AR099375  
VERSION AR099375.1 GI:12809141  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 18)  
AUTHORS Bennett,C.Frank., Ackermann,E.J., Swayze,E.E. and Cowsett,L.M.  
TITLE Antisense modulation of survivin expression  
JOURNAL Patent: US 6077709-A 29 2000;  
FEATURES  
source  
1.18  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 281 TCTCTCTCTCTCTT 296  
Db 17 TCTCTCTCTCTCTT 2

RESULT 302  
BD273578/c BD273578 18 bp DNA linear PAT 17-JUL-2003  
LOCUS Sequence 18 from patent US 6335194.  
DEFINITION Antisense modulation of survivin expression.  
ACCESSION BD273578  
VERSION BD273578.1 GI:33083346  
KEYWORDS JP 2002539073-A/29.  
SOURCE JP 2002539073-A/29.  
ORGANISM  
REFERENCE  
1 (bases 1 to 18)  
AUTHORS Bennett,P.C., Ackermann,E.J., Swayze,E.E. and Cowsett,L.M.  
TITLE Antisense modulation of survivin expression  
JOURNAL Patent: JP 2002539073-A 29 19-NOV-2002;  
COMMENT  
OS Artificial Sequence  
PN JP 2002539073-A/29  
PD 19-NOV-2002  
PF 23-SEP-1999 JP 2000572239  
PR 23-SEP-1998 US 09/163162, 05-APR-1999 US 09/286407 PI  
FRANK C BENNETT, ELIZABETH J ACKERMANN, ERIC E SWAYZE, LEX M PI  
COWSETT  
PC C07H21/04,A61K31/7088,A61K31/712,A61K48/00,A61P35/00 CC  
Antisense Oligonucleotide  
FH Key Location/Qualifiers  
FT source 1.18  
/organism="Artificial Sequence".  
FEATURES  
source  
1.18  
location/Qualifiers  
1.18  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 281 TCTCTCTCTCTCTT 296  
Db 17 TCTCTCTCTCTCTT 2

RESULT 303  
AR181576/c AR181576 18 bp DNA linear PAT 20-APR-2002  
LOCUS Sequence 38 from patent US 6335194.  
DEFINITION

ACCESSION AR181576  
VERSION AR181576.1 GI:20223790  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 18)  
AUTHORS Bennett,C.Frank., Ackermann,E.J., Swayze,E.E. and Cowsett,L.M.  
TITLE Antisense modulation of survivin expression  
JOURNAL Patent: US 6335194-A 38 01-JAN-2002;  
FEATURES  
source  
1.18  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 281 TCTCTCTCTCTCTT 296  
Db 17 TCTCTCTCTCTCTT 2

RESULT 304  
AR181616/c AR181616 18 bp DNA linear PAT 20-APR-2002  
LOCUS Sequence 78 from patent US 6335194.  
DEFINITION Antisense modulation of survivin expression.  
ACCESSION AR181616  
VERSION AR181616.1 GI:20223830  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 18)  
AUTHORS Bennett,C.Frank., Ackermann,E.J., Swayze,E.E. and Cowsett,L.M.  
TITLE Antisense modulation of survivin expression  
JOURNAL Patent: US 6335194-A 78 01-JAN-2002;  
FEATURES  
source  
1.18  
location/Qualifiers  
1.18  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 281 TCTCTCTCTCTCTT 296  
Db 17 TCTCTCTCTCTCTT 2

RESULT 305  
AR181667/c AR181667 18 bp DNA linear PAT 20-APR-2002  
LOCUS Sequence 129 from patent US 6335194.  
DEFINITION Antisense modulation of survivin expression.  
ACCESSION AR181667  
VERSION AR181667.1 GI:20223881  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 18)  
AUTHORS Bennett,C.Frank., Ackermann,E.J., Swayze,E.E. and Cowsett,L.M.  
TITLE Antisense modulation of survivin expression  
JOURNAL Patent: US 6335194-A 129 01-JAN-2002;  
FEATURES  
source  
1.18  
location/Qualifiers  
1.18  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 281 TCTCTCTCTCTCTT 296  
Db 17 TCTCTCTCTCTCTT 2

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCCTCTCTCTCTCTT 296  
|||||  
18 TCCTCTCTCTCTCTT 3

RESULT 306  
AX477112/c 20 bp DNA linear PAT 12-AUG-2002  
LOCUS  
DEFINITION Sequence 203 from Patent WO0220848.  
ACCESSION AX477112  
VERSION AX477112.1 GI:22216365  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bodnar,J.S., Castellani,L.W., Chatterjee,A., de Jong,P.,  
Lusis,A.J., Ohmen,J., Rose,D., Tafuri,S. and Wu,C.  
TITLE Gene and sequence variation associated with cancer  
JOURNAL Patent: WO 0220848-A 203 14-MAR-2002;  
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)  
FEATURES  
source 1..20.  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Primer"

Query Match 0.3%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5190 GTGTGTGTGAATGCAG 5205  
|||||  
19 GTGTGTGTGAATGCAG 4

RESULT 307  
AX526488/c 20 bp DNA linear PAT 21-NOV-2002  
LOCUS  
DEFINITION Sequence 203 from Patent WO0220847.  
ACCESSION AX526488  
VERSION AX526488.1 GI:25171295  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bodnar,J.S., Castellani,L.W., Chatterjee,A., de Jong,P.,  
Lusis,A.J., Ohmen,J., Rose,D., Tafuri,S. and Wu,C.  
TITLE Gene and sequence variation associated with lipid disorder  
JOURNAL Patent: WO 0220847-A 203 14-MAR-2002;  
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)  
FEATURES  
source 1..20.  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Primer"

Query Match 0.3%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5190 GTGTGTGTGAATGCAG 5205  
|||||  
19 GTGTGTGTGAATGCAG 4

RESULT 308  
BD088386

LOCUS BD088386 20 bp DNA linear PAT 27-AUG-2002  
DEFINITION A method of arraying genome clone.  
ACCESSION BD088386  
VERSION BD088386.1 GI:22633996  
KEYWORDS JP 2001321190-A/630.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Soeda,E.  
TITLE A method of arraying genome clone  
JOURNAL Patent: JP 2001321190-A 630 20-NOV-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA  
COMMENT OS Artificial Sequence  
PN JP 2001321190-A/630  
PD 20-NOV-2001 JP 2001068285  
PF 12-MAR-2001 JP 2001068285  
PI EICHI SOEDA  
PC C12N15/09,C12N15/00,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC  
C12N15/00,  
C12N15/00  
CC Description of Artificial Sequence:Synthetic DNA PH Key  
FT source 1..20  
Location/Qualifiers  
FT 1..20  
/organism="Artificial Sequence".  
source 1..20  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 274 CTCTCTTTCTCTCTCT 289  
|||||  
2 CTCTCTTTCTCTCTCT 17

RESULT 309  
CQ821578/c 21 bp DNA linear PAT 21-JUN-2004  
LOCUS  
DEFINITION Sequence 86 from Patent WO2004047863.  
ACCESSION CQ821578  
VERSION CQ821578.1 GI:49019820  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Sahin,U., Thierci,O. and Koslowski,M.  
TITLE Genetic products differentially expressed in tumors and the use  
JOURNAL Patent: WO 2004047863-A 86 10-JUN-2004;  
Ganymed Pharmaceuticals AG (DE)  
FEATURES  
source 1..21  
Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Beschreibung der k nstlichen Sequenz:  
Oligonukleotid"

Query Match 0.3%; Score 16; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 519 CCCTGCTGGAACCATG 534  
|||||  
19 CCCTGCTGGAACCATG 4

RESULT 310  
AX938687 21 bp DNA linear PAT 07-JAN-2004  
LOCUS AX938687  
DEFINITION Sequence 132 from Patent EP1365034.  
ACCESSION AX938687  
VERSION AX938687.1 GI:40733067  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
Wirtz, R., Munner, M. and Kallabis, H.  
TITLE Methods and compositions for the prediction, diagnosis, prognosis,  
prevention and treatment of malignant neoplasia  
JOURNAL Patent: EP 1365034-A 132 26-NOV-2003;  
Bayer Healthcare AG (DE)  
FEATURES  
source location/Qualifiers  
1. 21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer"

Query Match 0.3%; Score 16; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4113 CAGAGGACGCGCTGA 4128  
DB 3 CAGAGGACGCGCTGA 18

RESULT 311  
ARI45806/c 23 bp DNA linear PAT 08-AUG-2001  
LOCUS ARI45806  
DEFINITION Sequence 44 from patent US 6218119.  
ACCESSION ARI45806  
VERSION ARI45806.1 GI:15108995  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
Unclassified.  
AUTHORS Kuiper, M.T.R., Zabeau, M. and Vos, P.  
TITLE Amplification of sample sequence repeats  
JOURNAL Patent: US 6218119-A 44 17-APR-2001;  
FEATURES  
source location/Qualifiers  
1. 23  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16; DB 1; Length 23;  
Best Local Similarity 84.2%; Pred. No. 6.1e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCTCTCTCT 295  
DB 20 TNNNTCTCTCTCTCTCTCT 2

RESULT 312  
AR014472/c 24 bp DNA linear PAT 05-DEC-1998  
LOCUS AR014472  
DEFINITION Sequence 20 from patent US 5773582.  
ACCESSION AR014472  
VERSION AR014472.1 GI:3971926  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
Unclassified.  
AUTHORS Shin, H.-C., Shin, N.-K., Lee, I. and Kang, S.

TITLE Tumor necrosis factor muteins  
JOURNAL Patent: US 5773582-A 20 30-JUN-1998;  
FEATURES location/Qualifiers  
source 1. 24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 6.5e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1676 GCAGATGAGACAGACACTCAGA 1699  
DB 24 GTAGATGAGACAGACGCTCTGA 1

RESULT 313  
AR049716 24 bp DNA linear PAT 29-SEP-1999  
LOCUS AR049716  
DEFINITION Sequence 19 from patent US 5824770.  
ACCESSION AR049716  
VERSION AR049716.1 GI:5971708  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
Unclassified.  
AUTHORS Georgopoulos, K.  
TITLE Ikaros polypeptides  
JOURNAL Patent: US 5824770-A 19 20-OCT-1998;  
FEATURES location/Qualifiers  
1. 24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 6.5e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 458 GGTGTGTGGTCTCTGGGGTGCTT 481  
DB 1 GGTGTGTGGGACATGGATGCTT 24

RESULT 314  
AR090904/c 24 bp DNA linear PAT 07-SEP-2000  
LOCUS AR090904  
DEFINITION Sequence 1024 from patent US 5994076.  
ACCESSION AR090904  
VERSION AR090904.1 GI:10017659  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
Unclassified.  
AUTHORS Chenchik, A., Johhadze, G. and Btblashvili, R.  
TITLE Methods of assaying differential expression  
JOURNAL Patent: US 5994076-A 1024 30-NOV-1999;  
FEATURES location/Qualifiers  
1. 24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 6.5e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1189 CCCTCCATCCCTGGAGTCTCTGC 1212  
DB 24 CCACCGAGCGGTGAGTATCTGC 1

RESULT 315

AR138778  
LOCUS AR138778 24 bp DNA linear PAT 16-JUN-2001  
DEFINITION Sequence 19 from patent US 620756.  
ACCESSION AR138778  
VERSION AR138778.1 GI:14481123  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Herman, J.G. and Baylín, S.B.  
TITLE Methods for identifying methylation patterns in a CpG-containing  
nucleic acid  
JOURNAL Patent: US 620756-A 19 13-MAR-2001;  
FEATURES  
source Location/Qualifiers  
1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 6.5e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1525 ACAGCCACAGAAATCTCTGACG 1548  
DB 1 ACATACACAAAAATCTCTCCAC 24

RESULT 316  
AR138802/C  
LOCUS AR138802 43 bp DNA linear PAT 16-JUN-2001  
DEFINITION Sequence 43 from patent US 620756.  
ACCESSION AR138802  
VERSION AR138802.1 GI:14481147  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Herman, J.G. and Baylín, S.B.  
TITLE Methods for identifying methylation patterns in a CpG-containing  
nucleic acid  
JOURNAL Patent: US 620756-A 43 13-MAR-2001;  
FEATURES  
source Location/Qualifiers  
1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 6.5e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1525 ACAGCCACAGAAATCTCTGACG 1548  
DB 24 ACATACACAAAAATCTCTCCAC 1

RESULT 317  
AR149610  
LOCUS AR149610 24 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 19 from patent US 6228611.  
ACCESSION AR149610  
VERSION AR149610.1 GI:15114201  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Georgopoulos, K.  
TITLE Ikaros: A T cell pathway regulatory gene  
JOURNAL Patent: US 6228611-A 19 08-MAY-2001;  
FEATURES  
source Location/Qualifiers  
1..24

/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 6.5e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 458 GGTTGTGGGTCTCTGGGGTGCCT 481  
DB 1 GGTTGTGGGAACATGATGCCT 24

RESULT 318  
CO817772 24 bp DNA linear PAT 07-JUN-2004  
LOCUS CO817772/C  
DEFINITION Sequence 4 from Patent WO2004044589.  
ACCESSION CO817772  
VERSION CO817772.1 GI:48426768  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
REFERENCE 1 Golz, S., Brüeggemeier, U. and Summer, H.  
AUTHORS Diagnostics and therapeutics for diseases associated with human  
TITLE endocelial differentiation, sphingolipid g-protein-coupled  
receptor 3 (edg3)  
JOURNAL Patent: WO 2004044589-A 4 27-MAY-2004;  
FEATURES  
source Location/Qualifiers  
1..24  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 16; DB 1; Length 24;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2323 AATCAAGCAGCAGCA 2338  
DB 19 AATCAAGCAGCAGCA 4

RESULT 319  
AR197939/C  
LOCUS AR197939 24 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 1024 from patent US 6352829.  
ACCESSION AR197939  
VERSION AR197939.1 GI:20247788  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Chenchik, A., Jolkhae, G. and Bibilashvili, R.  
TITLE Methods of assaying differential expression  
JOURNAL Patent: US 6352829-A 1024 05-MAR-2002;  
FEATURES  
source Location/Qualifiers  
1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 6.5e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1189 CCCTCCATCCCGAGATCTGCG 1212  
DB 24 CCACCGAGCCGTGAGTATCTGC 1



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RESULT 320
LOCUS AR260093/c 24 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 1024 from patent US 6489455.
ACCESSION AR260093
VERSION AR260093.1 GI:27310604
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 24)
AUTHORS Chenchik, A., Jorhadze, G. and Bibilashvili, R.
TITLE Method of assaying differential expression
JOURNAL Patent: US 6489455-A 1024 03-DEC-2002;
FEATURES
source
1. .24
/mol_type="genomic DNA"

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.5e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Oy 1189 CCTCCCATCCTGGAGTCTCTGC 1212
Db 24 CCCACCGAGCCCTGGAGTATCTGC 1

RESULT 321
LOCUS AR404740 24 bp mRNA linear PAT 18-DEC-2003
DEFINITION Sequence 19 from patent US 6630141.
ACCESSION AR404740
VERSION AR404740.1 GI:40153467
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 24)
AUTHORS Georgopoulos, K.
TITLE Isolated antibody that binds to an Ikaros polypeptide
JOURNAL Patent: US 6630141-A 19 07-OCT-2003;
FEATURES
source
1. .24
/mol_type="unknown"
/mol_type="mRNA"

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.5e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Oy 458 GGTGTGTGGTCTCTGGGGTGCCT 481
Db 1 GGTGTGTGGAAATGGATGCCT 24

RESULT 322
LOCUS AX036379/c 24 bp DNA linear PAT 16-NOV-2000
DEFINITION Sequence 41 from Patent DE19915141.
ACCESSION AX036379
VERSION AX036379.1 GI:11225989
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Krupp, G.
JOURNAL Patent: DE 19915141-A 41 28-SEP-2000;
FEATURES
source
1. .24
/location/Qualifiers
/organism="Staphylococcus aureus"

/mol_type="unknown"
/mol_type="mRNA"

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.5e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Oy 4203 AGGAAAGGCGCTTCTGTGTG 4226
Db 1 AGGACAGCACTTGTGTGTG 24

/mol_type="unassigned DNA"
/db_xref="taxon:1280"

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.5e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Oy 1953 ATCCACAGCTTGGACATCCG 1976
Db 24 ATCCACAGCTTGGACATCAGC 1

RESULT 323
LOCUS AX036446/c 24 bp DNA linear PAT 16-NOV-2000
DEFINITION Sequence 108 from Patent DE19915141.
ACCESSION AX036446
VERSION AX036446.1 GI:11226056
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Krupp, G.
JOURNAL Patent: DE 19915141-A 108 28-SEP-2000;
FEATURES
source
1. .24
/mol_type="unassigned DNA"
/db_xref="taxon:1282"

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.5e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Oy 1953 ATCCACAGCTTGGACATCCG 1976
Db 24 ATCCACAGCTTGGACATCAGC 1

RESULT 324
LOCUS AX290322 24 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 2084 from Patent WO0179548.
ACCESSION AX290322
VERSION AX290322.1 GI:17052005
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL Patent: WO 0179548-A 2084 25-OCT-2001;
FEATURES
source
1. .24
/location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"
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RESULT 325  
AX444123  
LOCUS AX444123 24 bp DNA linear PAT 03-JUL-2002  
DEFINITION Sequence 578 from Patent WO0216649.  
ACCESSION AX444123  
VERSION AX444123.1 GI:21691401  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
Gunderson,K.  
Probes and decoder oligonucleotides  
Patent: WO 0216649-A 578 28-FEB-2002;  
illumina, Inc. (US)  
FEATURES  
location/Qualifiers  
1..24  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Computer Generated Probe Sequence."

Query Match 0.3%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 6.5e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1464 GAGCTGAGTCTGGAAACTGATC 1487  
1 GAGCCTGTGCTCGGAAACTGCTTC 24

RESULT 326  
AX686572/c  
LOCUS AX686572 24 bp DNA linear PAT 29-MAR-2003  
DEFINITION Sequence 128 from Patent WO02057450.  
ACCESSION AX686572  
VERSION AX686572.1 GI:29372179  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
Edinger,S., MacDougall,J.R., Miller,I., Ellerman,K., Stone,D.J.,  
Gerlach,V., Grosse,W.M., Alsbrook,J.P., Lepley,D.M., Rieger,D.,  
Burgess,C.B., Casman,S.J., Spytek,K.A., Boldog,F.L., Li,L.,  
Padiguru,M., Mishra,V., Patlurajan,M., Shenoy,S., Rastelli,L.,  
Tchernev,V.T., Vernet,C.A., Zernusen,B.D., Malyankar,U.M., Guo,Y.,  
Miller,C.E. and Gangoli,I.E.A.  
Proteins and nucleic acids encoding same  
Patent: WO 02057450-A 128 25-JUL-2002;  
Curagen Corporation (US)  
FEATURES  
location/Qualifiers  
1..24  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Chemically synthesized"

Query Match 0.3%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 6.5e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1584 ATCTTGCTGGAACAGAGAGAG 1607  
1 ATGAAGGGGGAACAGAGAGAG 1

RESULT 327  
AX797527  
LOCUS AX797527 24 bp DNA linear PAT 04-OCT-2003  
DEFINITION Sequence 12 from Patent WO03050302.  
ACCESSION AX797527  
VERSION AX797527.1 GI:37518030

KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
Hayes,I., Cotter,T., Murphy,F. and Seery,L.  
Tgmp  
Patent: WO 03050302-A 12 19-JUN-2003;  
Brix Therapeutics Ltd (IE)  
FEATURES  
location/Qualifiers  
1..24  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer"

Query Match 0.3%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 6.5e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4999 TGCTCTCAGCCTGCTGCAGCG 5022  
1 TGCACTCAGCCTGCTGCAGCAG 24

RESULT 328  
A64617/c  
LOCUS A64617 19 bp DNA linear PAT 29-MAR-1999  
DEFINITION Sequence 36 from Patent WO9728186.  
ACCESSION A64617  
VERSION A64617.1 GI:4530715  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
Caput,D., Ferrara,P. and Kaghad,A.M.  
PURIFIED SR-p70 PROTEIN  
Patent: WO 9728186-A 36 07-AUG-1997;  
SAMOFI SA (FR)  
COMMENT  
Other publication AU 1727597 19970822  
Other publication FR 2744455 19970808.  
FEATURES  
location/Qualifiers  
1..19  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 5.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1131 CACCTGAGAACTGACCA 1149  
19 CACCTGAGAACTGACCA 1

RESULT 329  
AR235541/c  
LOCUS AR235541 19 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 40 from patent US 6461810.  
ACCESSION AR235541  
VERSION AR235541.1 GI:27278762  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
Freese,J.R. and Johnson,M.D.  
Triplex in-situ hybridization  
Patent: US 6461810-A 40 08-OCT-2002;  
FEATURES  
location/Qualifiers  
1..19

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/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2413 AGGAGAAATGACGTTGC 2431
Db      19 AGGAGAAATCCCGTTTC 1

RESULT 330
LOCUS      AR294112      19 bp      DNA      linear      PAT 12-JUN-2003
DEFINITION Sequence 5847 from patent US 6537751.
ACCESSION  AR294112
VERSION     AR294112.1 GI:31681396
KEYWORDS
SOURCE      .
ORGANISM    Unknown.
REFERENCE    Unclassified.
AUTHORS      Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE        Biallelic markers for use in constructing a high density
JOURNAL      Patent: US 6537751-A 5847 25-MAR-2003;
FEATURES
source
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      280 TTCTCTCTCTCTCTCTGC 298
Db      1 TTCTCTCTCTCTCTTTTC 19

RESULT 331
LOCUS      AX429370      19 bp      DNA      linear      PAT 21-JUN-2002
DEFINITION Sequence 16 from Patent W00234953.
ACCESSION  AX429370
VERSION     AX429370.1 GI:21540671
KEYWORDS
SOURCE      .
ORGANISM    synthetic construct
REFERENCE    1
AUTHORS      Reynolds,T.R.
TITLE        Detection and quantification of human herpes viruses
JOURNAL      Patent: WO 0234953-A 16 02-MAY-2002;
FEATURES
source
1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match      0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4666 GGAGCTTGTAGGTAC 4684
Db      19 GGAGCTTGTAGGGTGC 1

RESULT 332
/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      268 CCCTCTCTCTCTCTCTC 286
Db      19 CCCTCTCTCTCTCTCTC 1

RESULT 333
LOCUS      AR077174      20 bp      DNA      linear      PAT 31-AUG-2000
DEFINITION Sequence 9 from patent US 5962227.
ACCESSION  AR077174
VERSION     AR077174.1 GI:10003920
KEYWORDS
SOURCE      .
ORGANISM    Unknown.
REFERENCE    Unclassified.
AUTHORS      Hedrick,R.P., Andree,K.B. and Antonio,D.B.
TITLE        DNA-based diagnostic test for detecting myxobolus, the cause of
JOURNAL      salmonid whirling disease
FEATURES
source
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      383 CTGGTGACAGCCGAGG 401
Db      20 CTGGTGACAGCCGCGG 2

RESULT 334
LOCUS      BD228482      20 bp      DNA      linear      PAT 17-JUN-2003
DEFINITION II-17 homologous polypeptide and its application to remedy.
ACCESSION  BD228482
VERSION     BD228482.1 GI:33038252
KEYWORDS    JP 2002515246-A/77.
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE    1 (bases 1 to 20)
unclassified.

AX926744/c
LOCUS      AX926744      19 bp      DNA      linear      PAT 19-DEC-2003
DEFINITION Sequence 27 from Patent W003085133.
ACCESSION  AX926744
VERSION     AX926744.1 GI:40247082
KEYWORDS
SOURCE      .
ORGANISM    synthetic construct
REFERENCE    1
AUTHORS      Nagataju,J.G.
TITLE        Novel flier-pcr primers and method of identifying genotyping
diverse genomes of plant and animal systems including rice
varieties, a kit thereof
Patent: WO 03085133-A 27 16-OCT-2003;
Centre for DNA Fingerprinting and Diagnostics, Centre for; the
Department of Biotechnology, Ministry of Science & Technology (IN)
FEATURES
source
1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="A novel FISPR-PCR primer for genotyping eukaryotes"

Query Match      0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      268 CCCTCTCTCTCTCTCTC 286
Db      19 CCCTCTCTCTCTCTCTC 1

RESULT 333
LOCUS      AR077174      20 bp      DNA      linear      PAT 31-AUG-2000
DEFINITION Sequence 9 from patent US 5962227.
ACCESSION  AR077174
VERSION     AR077174.1 GI:10003920
KEYWORDS
SOURCE      .
ORGANISM    Unknown.
REFERENCE    Unclassified.
AUTHORS      Hedrick,R.P., Andree,K.B. and Antonio,D.B.
TITLE        DNA-based diagnostic test for detecting myxobolus, the cause of
JOURNAL      salmonid whirling disease
FEATURES
source
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      383 CTGGTGACAGCCGAGG 401
Db      20 CTGGTGACAGCCGCGG 2

RESULT 334
LOCUS      BD228482      20 bp      DNA      linear      PAT 17-JUN-2003
DEFINITION II-17 homologous polypeptide and its application to remedy.
ACCESSION  BD228482
VERSION     BD228482.1 GI:33038252
KEYWORDS    JP 2002515246-A/77.
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE    1 (bases 1 to 20)
unclassified.
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AUTHORS Chen, J., Filvaroff, E., Goddard, A., Gurney, A.L., Li, H. and Wood, W.I.  
TITLE IL-17 homologue polypeptide and its application to remedy  
JOURNAL Patent: JP 2002515246-A 77 28-MAY-2002;  
GENENTECH INC  
COMMENT OS Unidentified  
PN JP 2002515246-A/77  
PD 28-MAY-2002  
PF 14-MAY-1999 JP 2000549734  
PR 15-MAY-1998 US 60/085579, 23-DEC-1998 US 60/113621 PI  
JIAN CHEN, ELLEN FILVAROFF, AUDLEY GODDARD, AUSTIN L GURNEY, PI  
HANZHONG LI,  
PI WILLIAM I WOOD  
PC C12N15/09, A61K38/21, A61K45/00, A61P19/00, C07K14/52, C07K16/24,  
PC C07K19/00,  
PC C12N1/19, C12N1/21, C12N5/10, C12P21/02, C12P21/08, C12Q1/00 PC  
C12Q1/68, C12N15/00,  
PC A61K37/66, C12N5/00  
CC Strandedness: Single;  
CC Topology: Linear;  
CC IL-17 homologue polypeptide and its application to remedy FH  
Key Location/Qualifiers  
FT source 1..20  
Location/Qualifiers  
1..20  
/organism="Unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 495 AGGAGCCCGACGCCACCA 513  
DB 1 AGGAGCCCGACGCCACCA 19

RESULT 335  
LOCUS E15161 20 bp DNA linear PAT 28-JUL-1999  
DEFINITION Phosphorothioate antisense oligo DNA for human VEGF mRNA.  
ACCESSION E15161  
VERSION E15161.1 GI:5709844  
KEYWORDS JP 1998052285-A/6.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
Uchida, K.  
TITLE PREPARATION OF ANTISENSE NUCLEIC ACID  
JOURNAL Patent: JP 1998052285-A 6 24-FEB-1998;  
TOGOSSEI CO LTD  
OS None  
OC Artificial sequences.  
PN JP 1998052285-A/6  
PD 24-FEB-1998  
PF 20-MAY-1997 JP 1997129767  
PR 23-MAY-1996 JP 96F 128192  
PI UCHIDA KIYOSHI  
PC C12N15/09, C07H21/02, C07H21/04;  
CC Strandedness: Single;  
CC Topology: Linear;  
CC hypothetical: No;  
CC anti-sense: Yes;  
FH Key Location/Qualifiers  
FH source 1..20  
Location/Qualifiers  
1..20  
/organism="Artificial sequences".  
1..20  
/organism="unidentified"  
/mol\_type="genomic DNA"

/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 266 CCCGCTCTCTCTCTCTC 284  
DB 2 CCCGCTCTCTCTCTCTC 20

RESULT 336  
LOCUS E22408 20 bp DNA linear PAT 18-JUN-2001  
DEFINITION Antisense nucleic acid compound.  
ACCESSION E22408  
VERSION E22408.1 GI:13024051  
KEYWORDS JP 1999042091-A/10.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Kinya, K., Yoko, M. and Kiyoshi, U.  
TITLE Antisense nucleic acid compound  
JOURNAL Patent: JP 1999042091-A 10 16-FEB-1999;  
TOGOSSEI CHEM IND CO LTD  
OS Unidentified  
PN JP 1999042091-A/10  
PD 16-FEB-1999  
PF 25-JUL-1997 JP 1997213838  
PR KINYA KAMIYA, YOKO MATSUDA, KIYOSHI UCHIDA  
PC C12N15/09, A61K31/70, A61K46/00, C12Q1/68, C12N15/00 CC  
Strandedness: Single;  
CC Topology: Linear;  
FH Key Location/Qualifiers  
FH source 1..20  
Location/Qualifiers  
1..20  
/organism="Unidentified".  
1..20  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 266 CCCGCTCTCTCTCTCTC 284  
DB 19 CCCGCTCTCTCTCTCTC 1

RESULT 337  
LOCUS ARI82885 20 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 57 from patent US 6339068.  
ACCESSION ARI82885  
VERSION ARI82885.1 GI:20226092  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unidentified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Krieg, A.M., Davis, H.L., Wu, T. and Schorr, J.  
TITLE Vectors and methods for immunization or therapeutic protocols  
JOURNAL Patent: US 6339068-A 57 15-JAN-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 5.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACGCCGCCGCCGCC 3936

Db 20 CCGCGCGCGCGCGCGCGC 2

RESULT 338

LOCUS AR271840

DEFINITION Sequence 84 from patent US 6503754. 20 bp DNA linear PAT 10-APR-2003

ACCESSION AR271840

VERSION AR271840.1 GI:29703408

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Zhang, H. and Wyatt, J.

TITLE Antisense modulation of BH3 interacting domain death agonist

JOURNAL Expression

FEATURES Patent: US 6503754-A 84 07-JAN-2003;

source Location/Qualifiers

1..20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 5.5e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4686 AGAAGCCTCTCTCTCCAG 4704

Db 2 AGAAGCCTCTCTCTCCAG 20

RESULT 339

LOCUS AR307929/c

DEFINITION Sequence 140 from patent US 6551826. 20 bp DNA linear PAT 12-JUN-2003

ACCESSION AR307929

VERSION AR307929.1 GI:31698685

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Watt, A.T.

TITLE Antisense modulation of raiid expression

JOURNAL Patent: US 6551826-A 140 22-APR-2003;

FEATURES Location/Qualifiers

1..20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 5.5e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4045 CACGAGGCGCTCTAGCAG 4063

Db 19 CACGAGGCGCTCTAGCAG 1

RESULT 340

LOCUS AR315477

DEFINITION Sequence 6014 from patent US 6559294. 20 bp DNA linear PAT 12-JUN-2003

ACCESSION AR315477

VERSION AR315477.1 GI:31708903

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Griffiths, R., Holscher, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,

Sankaran, B. and Fletcher, L.D.

TITLE Chlamydia pneumoniae polynucleotides and uses thereof

JOURNAL Patent: US 6559294-A 6014 06-MAY-2003;

FEATURES Location/Qualifiers

1..20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 5.5e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 146 CTTGAGCTGCCACTGACA 164

Db 1 CTTGAGCTGCCACTGACA 19

RESULT 341

LOCUS AR350285/c

DEFINITION Sequence 62 from patent US 6586245. 20 bp DNA linear PAT 17-AUG-2003

ACCESSION AR350285

VERSION AR350285.1 GI:33751256

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Bennett, C.F., Baker, B.F., Wyatt, J. and Davis, S.E.

TITLE Antisense modulation of CD40 ligand expression

JOURNAL Patent: US 6586245-A 62 01-JUL-2003;

FEATURES Location/Qualifiers

1..20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 5.5e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTC 288

Db 19 CTCTCTCTCTCTCTCTC 1

RESULT 342

LOCUS AR359707

DEFINITION Sequence 77 from patent US 6593456. 20 bp DNA linear PAT 17-AUG-2003

ACCESSION AR359707

VERSION AR359707.1 GI:33766451

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Galanaga, T. and Granger, G.A.

TITLE Tumor necrosis factor receptor releasing enzyme

JOURNAL Patent: US 6593456-A 77 15-JUL-2003;

FEATURES Location/Qualifiers

1..20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 5.5e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 495 AGGAGGCCCAAGCCACCA 513

Db 1 AGGAGGCCACGACACCA 19

RESULT 343  
AX104051/c  
LOCUS AX104051 20 bp DNA linear PAT 30-APR-2001  
DEFINITION Sequence 243 from Patent WO0122972.  
ACCESSION AX104051  
VERSION AX104051.1 GI:13920248  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1  
AUTHORS Krieg, A.M., Schetter, C. and Vollmer, J.C.  
TITLE Immunostimulatory nucleic acids  
JOURNAL Patent: WO 0122972-A 243 05-APR-2001;  
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical  
GmbH (DE)  
FEATURES  
source 1..20  
location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGAGCGCGCGCGCGCGC 3936  
Db 20 CCGCGCGCGCGCGCGCGC 2

RESULT 344  
AX297226/c  
LOCUS AX297226 20 bp DNA linear PAT 21-NOV-2001  
DEFINITION Sequence 8988 from Patent WO0179548.  
ACCESSION AX297226  
VERSION AX297226.1 GI:17058917  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1  
AUTHORS Barany, F., Zivri, M., Gerry, N.P., Favis, R. and Kliman, R.  
TITLE Method of designing addressable array for detection of nucleic acid  
JOURNAL sequence differences using ligase detection reaction  
CORNELL RESEARCH FOUNDATION, INC. (US)  
FEATURES  
source 1..20  
location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 563 GCTGCTTTCAGACAGGC 581  
Db 20 GCTGCTTTCAGACAGGC 2

RESULT 345  
AX355382/c  
LOCUS AX355382 20 bp DNA linear PAT 06-FEB-2002  
DEFINITION Sequence 410 from Patent WO0197843.  
ACCESSION AX355382  
VERSION AX355382.1 GI:18620050

KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1  
AUTHORS Weiner, G. and Hartmann, G.  
TITLE Methods for enhancing antibody-induced cell lysis and treating  
JOURNAL cancer  
Patent: WO 0197843-A 410 27-DEC-2001;  
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)  
FEATURES  
source 1..20  
location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic oligonucleotide-phosphodiester backbone"

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGAGCGCGCGCGCGCGC 3936  
Db 20 CCGCGCGCGCGCGCGCGC 2

RESULT 346  
AX547104/c  
LOCUS AX547104 20 bp DNA linear PAT 01-MAR-2003  
DEFINITION Sequence 243 from Patent WO02053141.  
ACCESSION AX547104  
VERSION AX547104.1 GI:25812248  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1  
AUTHORS Bratzler, R.L.  
TITLE Inhibition of angiogenesis by nucleic acids  
JOURNAL Patent: WO 02053141-A 243 11-JUL-2002;  
Coley Pharmaceutical Group, Inc. (US)  
FEATURES  
source 1..20  
location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Sequence"

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGAGCGCGCGCGCGCGC 3936  
Db 20 CCGCGCGCGCGCGCGCGC 2

RESULT 347  
AX938773  
LOCUS AX938773 20 bp DNA linear PAT 07-JAN-2004  
DEFINITION Sequence 218 from Patent EP1365034.  
ACCESSION AX938773  
VERSION AX938773.1 GI:40733153  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1  
AUTHORS Wirtz, R., Munnis, M. and Kallabis, H.  
TITLE Methods and compositions for the prediction, diagnosis, prognosis,  
JOURNAL prevention and treatment of malignant neoplasia  
Patent: EP 1365034-A 218 26-NOV-2003;  
Bayer Healthcare AG (DE)

FEATURES  
source Location/Qualifiers  
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/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="LOC51242 for"

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2794 AGAGTCAGAGAGAGAAA 2812  
Db 1 AGGTCAGAGAGAGAAA 19

RESULT 348  
BD069976/c 20 bp DNA linear PAT 27-AUG-2002  
LOCUS Use of nucleic acids containing unmethylated CPG dinucleotide in  
DEFINITION the treatment of LPS-associated disorders.  
ACCESSION BD069976 GI:22615579  
VERSION JP 2001513776-A/65.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Schwartz,D.A. and Krieg,A.M.  
TITLE Use of nucleic acids containing unmethylated CPG dinucleotide in  
JOURNAL the treatment of LPS-associated disorders  
COMMENT Patent: JP 2001513776-A 65 04-SEP-2001;  
UNIVERSITY OF IOWA RESEARCH FOUNDATION  
OS Artificial Sequence  
PN JP 2001513776-A/65  
PD 04-SEP-2001  
PF 25-FEB-1998 JP 1998537810  
PR 28-FEB-1997 US 60/039405  
PI DAVID A SCHWARTZ,ARTHUR M KRIEG  
PC A61K49/00,C07H21/02,C07H21/04,A01M43/04  
CC synthetic oligonucleotide  
FH key Location/Qualifiers  
FT source 1..20  
Location/Qualifiers  
1..20  
/organism="Artificial Sequence".  
source

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.5e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3918 CCGAGCGCGCGCGCGC 3936  
Db 20 CCGCGCGCGCGCGCGC 2

RESULT 349  
AR009477/c 21 bp DNA linear PAT 04-DEC-1998  
LOCUS AR009477  
DEFINITION Sequence 3 from patent US 5756298.  
ACCESSION AR009477  
VERSION AR009477.1 GI:3968282  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Burczak,J.D., Carrino,J.J., Klonowski,P.A., Manlove,M.T.,  
TITLE Marshall,R.L., Pablich,E.K. and Salituro,J.A.  
Oligonucleotides and methods for the detection of Chlamydia

JOURNAL trachomatis  
PATENT: US 5756298-A 3 26-MAY-1998;  
LOCATION/QUALIFIERS  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5084 GCTTTCAGTCTGCTTCT 5102  
Db 21 GCTTTCAGTCTGCTTCT 3

RESULT 350  
AR014613/c 21 bp DNA linear PAT 05-DEC-1998  
LOCUS AR014613  
DEFINITION Sequence 46 from patent US 5773691.  
ACCESSION AR014613  
VERSION AR014613.1 GI:3972067  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Falco,S.Carl., Keeler,S.Jo. and Rice,J.Ann.  
TITLE Chimeric genes and methods for increasing the lysine and threonine  
JOURNAL content of the seeds of plants  
COMMENT Patent: US 5773691-A 46 30-JUN-1998;  
LOCATION/QUALIFIERS  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2802 GAAGAGAGAAATGAAGAG 2820  
Db 21 GAAGAGAGAGATGAAGAG 3

RESULT 351  
AR043543/c 21 bp DNA linear PAT 29-SEP-1999  
LOCUS AR043543  
DEFINITION Sequence 2 from patent US 5814492.  
ACCESSION AR043543  
VERSION AR043543.1 GI:5964551  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Carrino,J.J. and Brainard,T.D.  
TITLE Probe masking method of reducing background in an amplification  
JOURNAL reaction  
COMMENT Patent: US 5814492-A 2 29-SEP-1998;  
LOCATION/QUALIFIERS  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5084 GCTTTCAGTCTGCTTCT 5102  
Db 21 GCTTTCAGTCTGCTTCT 3

RESULT 352  
AR064135/c 21 bp DNA linear PAT 29-SEP-1999  
LOCUS Sequence 3 from patent US 5846785.  
DEFINITION AR064135  
ACCESSION AR064135  
VERSION AR064135.1 GI:5993443  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Burczak,J.D., Carrino,J.J., Klonowski,P.A., Manlove,M.T.,  
TITLE Marshall,R.L., Pabich,E.K. and Salituro,J.A.  
Oligonucleotides specific for the MOMP gene  
for the detection of Chlamydia trachomatis  
JOURNAL Patent: US 5846785-A 3 08-DEC-1998;  
FEATURES  
source  
1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTTCAGCTCTGCTTCT 5102  
Db 21 GCTTTCAGCTCTGCTTCT 3

RESULT 353  
117560/c 21 bp DNA linear PAT 07-OCT-1996  
LOCUS Sequence 23 from patent US 5491075.  
DEFINITION 117560  
ACCESSION 117560  
VERSION 117560.1 GI:1597915  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Denitck,R.J., Bishop,D.F., Ioannou,Y.A. and Wang,A.M.  
TITLE Cloning and expression of biologically active  
.alpha.-N-acetylglucosaminidase  
JOURNAL Patent: US 5491075-A 23 13-FEB-1996;  
FEATURES  
source  
1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4831 AGTGAGAGATCTGGCCTC 4849  
Db 21 AGTGAGAGATCTGGCCTC 3

RESULT 354  
126736/c 21 bp DNA linear PAT 07-OCT-1996  
LOCUS Sequence 24 from patent US 5559223.  
DEFINITION 126736  
ACCESSION 126736  
VERSION 126736.1 GI:1606606  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Falco,S.C., Keeler,S.J. and Rice,J.A.  
TITLE Synthetic storage proteins with defined structure containing

programmable levels of essential amino acids for improvement of the  
nutritional value of plants  
Patent: US 5559223-A 24 24-SEP-1996;  
JOURNAL Location/Qualifiers  
FEATURES  
source  
1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2802 GAAGGAGAAATGAGAG 2820  
Db 21 GGAGGAGAAATGAGAG 3

RESULT 355  
135556/c 21 bp DNA linear PAT 13-MAY-1997  
LOCUS Sequence 3 from patent US 5601978.  
DEFINITION 135556  
ACCESSION 135556  
VERSION 135556.1 GI:2087407  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Burczak,J.D., Carrino,J.J., Klonowski,P.A., Manlove,M.T.,  
TITLE Marshall,R.L., Pabich,E.K. and Salituro,J.A.  
Oligonucleotides and methods for the detection of chlamydia  
trachomatis  
JOURNAL Patent: US 5601978-A 3 11-FEB-1997;  
FEATURES  
source  
1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTTCAGCTCTGCTTCT 5102  
Db 21 GCTTTCAGCTCTGCTTCT 3

RESULT 356  
AR235415/c 21 bp DNA linear PAT 20-DEC-2002  
LOCUS Sequence 46 from patent US 6459019.  
DEFINITION AR235415  
ACCESSION AR235415  
VERSION AR235415.1 GI:27278556  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Falco,S.C., Keeler,S.J. and Rice,J.A.  
TITLE Chimeric genes and methods for increasing the lysine and threonine  
content of the seeds of plants  
JOURNAL Patent: US 6459019-A 46 01-OCT-2002;  
FEATURES  
source  
1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2802 GAAGGAGAAATGAGAG 2820  
Db 21 GAAGGAGAAATGAGAG 3



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Db      21 GGAGGAGAGATGAAGAG 3

RESULT 357
LOCUS   AR305254
DEFINITION Sequence 208 from patent US 6545137.
ACCESSION AR305254
VERSION  AR305254.1 GI:31694564
KEYWORDS
SOURCE  Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 21)
AUTHORS  Todd, V.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
          Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
          Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.
TITLE    Receptor
JOURNAL  Patent: US 6545137-A 208 08-APR-2003;
FEATURES
SOURCE   Location/Qualifiers
          1..21
          /organism="unknown"
          /mol_type="genomic DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1638 GACTCCAAAAGAGAGAG 1656
Db      20 GACTCCAAAAGAGAGAGC 2

RESULT 358
LOCUS   AR309358
DEFINITION Sequence 208 from patent US 6555654.
ACCESSION AR309358
VERSION  AR309358.1 GI:31701363
KEYWORDS
SOURCE  Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 21)
AUTHORS  Todd, V.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
          Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
          Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.
TITLE    LDL-receptor
JOURNAL  Patent: US 6555654-A 208 29-APR-2003;
FEATURES
SOURCE   Location/Qualifiers
          1..21
          /organism="unknown"
          /mol_type="genomic DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1638 GACTCCAAAAGAGAGAG 1656
Db      20 GACTCCAAAAGAGAGAGC 2

RESULT 359
LOCUS   AX096396
DEFINITION Sequence 1574 from Patent WO0118250.
ACCESSION AX096396
VERSION  AX096396.1 GI:13512650
KEYWORDS
SOURCE  Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
```

```
REFERENCE 1
AUTHORS  Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and
          McCarthy, J.J.
TITLE    Single nucleotide polymorphisms in genes
JOURNAL  Patent: WO 0118250-A 1574 15-MAR-2001;
          WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
          Pharmaceuticals, Inc. (US)
FEATURES
SOURCE   Location/Qualifiers
          1..21
          /organism="Homo sapiens"
          /mol_type="unassigned DNA"
          /db_xref="taxon:9606"

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      3831 ACCCGGTCAGTCCCGAGCC 3851
Db      1 ACCGAGTCARCAAGCAGGCC 21

RESULT 360
LOCUS   AX117882/c
DEFINITION Sequence 3005 from Patent WO0128262.
ACCESSION AX117882
VERSION  AX117882.1 GI:14034833
KEYWORDS
SOURCE  synthetic construct
ORGANISM
REFERENCE 1
AUTHORS  Picoult-Newbury, L. and Pohl, M.
TITLE    Genotyping reagents, kits and methods of use thereof
JOURNAL  Patent: WO 012962-A 3005 26-APR-2001;
          Orchid Biosciences, Inc. (US)
FEATURES
SOURCE   Location/Qualifiers
          1..21
          /organism="synthetic construct"
          /mol_type="unassigned DNA"
          /db_xref="taxon:32630"
          /note="Primer"

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4290 ACCGAGCGGCAACAAACA 4308
Db      19 ACCGAGGGGGAACAAACA 1

RESULT 361
LOCUS   AX249726
DEFINITION Sequence 3 from Patent WO016150.
ACCESSION AX249726
VERSION  AX249726.1 GI:15864349
KEYWORDS
SOURCE  synthetic construct
ORGANISM
REFERENCE 1
AUTHORS  Kelly, P.F. and Vanin, E.F.
TITLE    Highly efficient gene transfer into human repopulating stem cells
          by rdl14 pseudotyped retroviral vector particles
JOURNAL  Patent: WO 016150-A 3 13-SEP-2001;
          ST. JUDE CHILDREN'S RESEARCH HOSPITAL (US)
FEATURES
SOURCE   Location/Qualifiers
          1..21
          /organism="synthetic construct"
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="5' EGFP PCR primer"

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3167 CCAGCACCCTGATGAGC 3185  
DB 2 CCCCAGCCACTGAGAGC 20

RESULT 362  
BD010405/c  
LOCUS  
DEFINITION BD010405 21 bp DNA linear PAT 09-JAN-2004  
Chimeric genes and methods for increasing the lysine content of the seeds of plants.  
ACCESSION BD010405  
VERSION BD010405.1 GI:18638778  
KEYWORDS JP 2001502923-A/37.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Falco,S.C., Ill,R.E.M. and Epelbaum,S.U.  
TITLE Chimeric genes and methods for increasing the lysine content of the seeds of plants  
JOURNAL Patent: JP 2001502923-A 37 06-MAR-2001;  
COMMENT Et DU PONT DE MEMOURS AND CO  
OS Unidentified  
PN JP 2001502923-A/37  
PD 06-MAR-2001  
PF 27-MAR-1998 JP 1998543284  
PR 27-MAR-1997 US 08/824627  
PI SAVERIO CARL FALCO, RAYMOND ERVIN MCDEVITT III, PI SABINE  
UNSULA EPELBAUM  
PC C12N9/06, C12N9/12, C12N9/88, C12P13/08, C12N15/82 CC  
Strandedness: Single;  
CC Topology: Linear;  
FH Key  
FT source  
FT /organism="unidentified".  
Location/Qualifiers  
1. .21  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

FEATURES  
source  
1. .21  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2802 GAGGAGAAATGAGAG 2820  
DB 21 GAGGAGAGATGAGAG 3

RESULT 363  
BD106165/c  
LOCUS  
DEFINITION BD106165 21 bp DNA linear PAT 18-SEP-2002  
Novel LDL-receptor.  
ACCESSION BD106165  
VERSION BD106165.1 GI:23200983  
KEYWORDS JP 2002501376-A/180.  
SOURCE Chlamydia sp.  
ORGANISM Chlamydia sp.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Todd,J.A., Hesse,J.W., Caskey,C.T., Cox,R.D., Gerhold,D., Hammond,H. and Hey,P.  
TITLE Novel LDL-receptor  
JOURNAL Patent: JP 2002501376-A 180 15-JAN-2002;

THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME TRUST, MERCK & CO INC  
PM JP 2002501376-A/180  
PD 15-JAN-2002  
PF 15-APR-1998 JP 1998543635  
PR 15-APR-1997 US 60/043553, 05-JUN-1997 US 60/048740 PI  
JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES THOMAS CASKEY, ROGER

PI DAVID COX,  
PI DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY  
PC C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,  
PC A61K39/395,  
PC A61K48/00  
CC Strandedness: Single;  
CC Topology: Linear;  
FH Key  
FT source  
FT /organism="Chlamydia sp."  
/mol\_type="genomic DNA"  
/db\_xref="taxon:35827"

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1638 GACTCCAAAAGAGAGAG 1656  
DB 20 GACTCCAAACAGAGACAG 2

RESULT 364  
AX116566/c  
LOCUS  
DEFINITION AX116566 22 bp DNA linear PAT 11-MAY-2001  
Sequence 1689 from Patent WO0129262.  
ACCESSION AX116566  
VERSION AX116566.1 GI:14033508  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1  
AUTHORS Picoult-Newburg,L. and Pohl,M.  
TITLE Genotyping reagents, kits and methods of use thereof  
JOURNAL Patent: WO 0129262-A 1689 26-APR-2001;  
Orchid Biosciences, Inc. (US)  
Location/Qualifiers  
1. .22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 6.3e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 846 CCTGAGAGACACAGAA 864  
DB 22 CTTGAGAGGACTCAGAAA 4

RESULT 365  
AX921294/c  
LOCUS  
DEFINITION AX921294 22 bp DNA linear PAT 18-DEC-2003  
Sequence 287 from Patent WO02068652.  
ACCESSION AX921294  
VERSION AX921294.1 GI:40214915  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1  
synthetic construct  
synthetic construct  
artificial sequences.



QY 2953 ATGGCGAGGCTGATGCCCTT 2975  
Db 1 ATDCCBAGGGGCGDGTTCCTT 23

RESULT 369  
LOCUS AR493200/c  
DEFINITION Sequence 232 from patent US 6720137.  
ACCESSION AR493200  
VERSION AR493200.1 GI:47264727  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 23)  
AUTHORS Roder, M., Plasmcke, J. and Ganai, M.  
TITLE Microsatellite markers for plants of the species *Triticum aestivum* and *Triticum dicoccum* and the use of said markers  
JOURNAL Patent: US 6720137-A 232 13-APR-2004;  
FEATURES  
source Location/Qualifiers  
1..23  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 23;  
Best Local Similarity 89.5%; Pred. No. 6.7e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5184 CCACTGCTGTGTGGAATG 5202  
Db 22 CTAGTGTGTGTGTGAATG 4

RESULT 370  
LOCUS AX454974  
DEFINITION Sequence 41 from Patent WO0208453.  
ACCESSION AX454974  
VERSION AX454974.1 GI:21714159  
KEYWORDS  
SOURCE Canis familiaris (dog)  
ORGANISM Canis familiaris  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Farr, S.B., Pickett, G.G., Neft, R.E. and Dunn, R.T.  
TITLE Canine toxicity genes  
JOURNAL Patent: WO 0208453-A 41 31-JAN-2002;  
FEATURES  
source Location/Qualifiers  
1..23  
/organism="Canis familiaris"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9615"

Query Match 0.3%; Score 15.8; DB 1; Length 23;  
Best Local Similarity 89.5%; Pred. No. 6.7e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 817 CGCTGAGAGAGAGACAC 835  
Db 3 CCCTGAGAGAGAGACCC 21

RESULT 371  
LOCUS BD173716  
DEFINITION Use of galanin-like peptide.  
ACCESSION BD173716  
VERSION BD173716.1 GI:28415047  
KEYWORDS WO 0206064-A/12.

23 bp DNA linear PAT 15-MAY-2004

SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE artificial sequences.  
AUTHORS 1 (bases 1 to 23)  
TITLE Matsumoto, H., Noguchi, J. and Otake, T.  
JOURNAL Use of galanin-like peptide  
TAKEDA CHEMICAL INDUSTRIES LTD, HIROKAZU MATSUMOTO, JIRO NOGUCHI, TETSUYA OTAKI  
COMMENT OS Artificial Sequence  
PN WO 0206064-A/12  
PD 26-AUG-2002  
PF 18-JAN-2002 WO 2002000313  
PR 19-JAN-2001 JP 01P 012094  
PI HIROKAZU MATSUMOTO, JIRO NOGUCHI, TETSUYA OTAKI  
PC A61K45/00, A61K38/09, A61K38/22, A61K31/711, A61P5/12, A61P5/10, PC  
A61P15/08, A61P15/12, A61P3/04, A61P35/00, A61P13/08, A61P15/00 CC Use of  
PC A61P15/12, A61P3/04, A61P35/00, A61P13/08, A61P15/00 CC Use of  
FT Key galanin-like peptide  
FT source Location/Qualifiers  
1..23  
/organism="Artificial Sequence".  
source Location/Qualifiers  
1..23  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 23;  
Best Local Similarity 73.3%; Pred. No. 6.7e+02;  
Matches 17; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 2953 ATGGCGAGGCTGATGCCCTT 2975  
Db 1 ATDCCBAGGGGCGDGTTCCTT 23

RESULT 372  
LOCUS AR009476  
DEFINITION Sequence 2 from patent US 5756298.  
ACCESSION AR009476  
VERSION AR009476.1 GI:3968281  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)  
AUTHORS Burczak, J.D., Carrino, J.J., Klonowski, P.A., Manlove, M.T., Marshall, R.L., Padich, E.K. and Salituro, J.A.  
TITLE Oligonucleotides and methods for the detection of Chlamydia trachomatis  
JOURNAL Patent: US 5756298-A 2 26-MAY-1998;  
FEATURES  
source Location/Qualifiers  
1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTCAGCTCTGCTTCT 5102  
Db 1 GCTTCAGCTCTGCTTCT 19

RESULT 373  
LOCUS AR043542  
DEFINITION Sequence 1 from patent US 5614492.  
ACCESSION AR043542  
VERSION AR043542.1 GI:5964550

24 bp DNA linear PAT 29-SEP-1999

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE  
AUTHORS 1 (bases 1 to 24)  
Carrino,J.J. and Brainard,T.D.  
TITLE Probe masking method of reducing background in an amplification reaction

JOURNAL Patent: US 5814492-A 1 29-SEP-1998;  
FEATURES Location/Qualifiers  
SOURCE 1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTTCAGCTCTGCTTCT 5102  
Db 1 GCTTTGAGTTCTGCTTCT 19

RESULT 374  
AR059351/c  
LOCUS AR059351 24 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 4 from patent US 5840477.  
ACCESSION AR059351  
VERSION AR059351.1 GI:5985801  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE  
AUTHORS 1 (bases 1 to 24)  
Seidman,C., Seidman,J., Thierfelder,L., Watkins,H. and McRae,C.  
TITLE Methods for detecting mutations associated with hypertrophic cardiomyopathy

JOURNAL Patent: US 5840477-A 4 24-NOV-1998;  
FEATURES Location/Qualifiers  
SOURCE 1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2371 TCACAGAGAGGAGGACA 2389  
Db 24 TCACAGAGGAGGAGGACA 6

RESULT 375  
AR064134  
LOCUS AR064134 24 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 2 from patent US 5846785.  
ACCESSION AR064134  
VERSION AR064134.1 GI:5993442  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE  
AUTHORS 1 (bases 1 to 24)  
Burczak,J.D., Carrino,J.J., Klonowski,P.A., Manlove,M.T.,  
Marshall,R.L., Pabich,E.K. and Salicrú,J.A.  
TITLE Oligonucleotides specific for the MOMP gene sequence and methods for the detection of Chlamydia trachomatis

JOURNAL Patent: US 5846785-A 2 08-DEC-1998;  
FEATURES Location/Qualifiers  
SOURCE 1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTTCAGCTCTGCTTCT 5102  
Db 1 GCTTTGAGTTCTGCTTCT 19

RESULT 376  
AR071627/c  
LOCUS AR071627 24 bp DNA linear PAT 18-FEB-2000  
DEFINITION Sequence 4 from patent US 5912121.  
ACCESSION AR071627  
VERSION AR071627.1 GI:7222515  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE  
AUTHORS 1 (bases 1 to 24)  
Seidman,C., Seidman,J., Thierfelder,L., Watkins,H. and McRae,C.  
TITLE Methods for detecting mutations associated with hypertrophic cardiomyopathy

JOURNAL Patent: US 5912121-A 4 15-JUN-1999;  
FEATURES Location/Qualifiers  
SOURCE 1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2371 TCACAGAGAGGAGGACA 2389  
Db 24 TCACAGAGGAGGAGGACA 6

RESULT 377  
AR078306  
LOCUS AR078306 24 bp DNA linear PAT 31-AUG-2000  
DEFINITION Sequence 16 from patent US 5962332.  
ACCESSION AR078306  
VERSION AR078306.1 GI:10005052  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE  
AUTHORS 1 (bases 1 to 24)  
Singer,R.H. and Taneja,K.L.  
TITLE Detection of trinucleotide repeats by in situ hybridization

JOURNAL Patent: US 5962332-A 16 05-OCT-1999;  
FEATURES Location/Qualifiers  
SOURCE 1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACGCCGCCGCCGCCGCC 3936  
Db 3 CCGCCGCCGCCGCCGCCGCC 21

RESULT 378  
AR078307/c  
LOCUS AR078307 24 bp DNA linear PAT 31-AUG-2000  
DEFINITION Sequence 17 from patent US 5962332.  
ACCESSION AR078307  
VERSION AR078307.1 GI:10005053  
KEYWORDS

SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Singer, R.H. and Taneja, K.L.  
TITLE Detection of trinucleotide repeats by in situ hybridization  
JOURNAL Patent: US 5962332-A 17-05-OCT-1999;  
FEATURES Location/Qualifiers  
source 1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCAGCCGCCGCCGCCGCC 3936  
DB 22 CCGCCGCCGCCGCCGCC 4

RESULT 379  
BD234457 24 bp DNA linear PAT 17-JUL-2003  
LOCUS BD234457  
DEFINITION DNA encoding mammalian neuropeptide FF (NPFF) receptor and utilization thereof.  
ACCESSION BD234457.1 GI:33044227  
VERSION JP 2002525095-A/43.  
KEYWORDS eynthetic construct  
SOURCE eynthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Gerald C.P., Jones, K.A., Bonini, J.A. and Borowsky, B.  
TITLE DNA encoding mammalian neuropeptide FF (NPFF) receptor and utilization thereof  
JOURNAL Patent: JP 2002525095-A 43 13-AUG-2002;  
SYNAPIC PHARMACEUTICAL CORP  
OS Artificial Sequence  
PN JP 2002525095-A/43  
PD 13-AUG-2002  
PF 24-SEP-1999 JP 2000571955  
PR 25-SEP-1998 US 09/161113.22-FEB-1999 US 09/255368 PI  
CHRISTOPHE PG GERALD, KENNETH A JONES, JAMES A BONINI, BETH PI BOROWSKY  
PC C12N15/09, A01K67/027, A61K31/7105, A61K31/711, A61K39/395 PC  
A61K45/00, A61K48/00,  
PC A61P1/00, A61P3/04, A61P3/10, A61P3/12, A61P5/00, A61P5/24, A61P9/00, PC  
A61P9/02,  
PC A61P9/12, A61P11/00, A61P11/06, A61P13/02, A61P15/00, A61P19/00, PC  
A61P25/00,  
PC A61P25/02, A61P25/02, A61P25/02, A61P25/04, A61P25/06, A61P25/14,  
PC A61P25/16,  
PC A61P25/18, A61P25/24, A61P25/28, A61P25/34, A61P25/36, A61P37/00,  
PC A61P43/00, A61P43/00, A61P43/705, C07K16/28, C12N5/10, C12P21/00,  
PC A61P43/00, A61P43/00, C07K14/705, C07K16/28, C12N5/10, C12P21/00,  
PC C12P21/08,  
PC C12Q1/02, C12Q1/68, G01N33/15, G01N33/50, G01N33/566, C12N15/00, PC  
C12N5/00  
CC Description of Artificial Sequence: primer/probe FH Key  
FT source 1..24  
Location/Qualifiers  
1..24  
/organism="Artificial Sequence".  
Location/Qualifiers  
1..24  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1264 TTCCTGATGAGCCCAATCC 1282  
DB 6 TTCCTGATGAGCCCAATCC 24

RESULT 380  
LOCUS 135555  
DEFINITION Sequence 2 from patent US 5601978.  
ACCESSION 135555  
VERSION 135555.1 GI:2087406  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Burczak, J.D., Carrino, J.J., Klonowski, P.A., Manlove, M.T., Marshall, R.L., Pablich, E.K. and Salituro, J.A.  
TITLE Oligonucleotides and methods for the detection of chlamydia trachomatis  
JOURNAL Patent: US 5601978-A 2 11-FEB-1997;  
FEATURES Location/Qualifiers  
source 1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTTCAGCTCTGCTTCTCT 5102  
DB 1 GCTTTCAGCTCTGCTTCTCT 19

RESULT 381  
LOCUS AR489106  
DEFINITION Sequence 50 from patent US 6709831.  
ACCESSION AR489106  
VERSION AR489106.1 GI:47255993  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Gerald, C.P.G., Jones, K.A., Bonini, J.A., Borowsky, B.E. and Craig, D.A.  
TITLE DNA encoding mammalian neuropeptide FF (NPFF) receptors and uses thereof  
JOURNAL Patent: US 6709831-A 50 23-MAR-2004;  
FEATURES Location/Qualifiers  
source 1..24  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1264 TTCCTGATGAGCCCAATCC 1282  
DB 6 TTCCTGATGAGCCCAATCC 24

RESULT 382  
LOCUS AX487573/c 24 bp DNA linear PAT 16-AUG-2002  
DEFINITION Sequence 4873 from Patent WO02053728.  
ACCESSION AX487573  
VERSION AX487573.1 GI:22321721  
KEYWORDS

SOURCE Candida albicans  
ORGANISM Candida albicans  
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;  
Saccharomycetales; mitosporic Saccharomycetales; Candida.

REFERENCE 1  
AUTHORS Roemer, T., Jiang, B., Boone, C., Busey, H., and Ohlsen, K.L.  
TITLE Gene disruption methodologies for drug target discovery  
JOURNAL Patent: WO 02053728-A 4873 11-JUL-2002;  
Elitza Pharmaceuticals, Inc. (US)  
FEATURES Location/Qualifiers  
source 1..24  
/organism="Candida albicans"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:5476"

Query Match 0.3%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2258 CTGCTTGGGAGTCTTAC 2276  
Db 24 CTGCTTGGGAGTCTTAC 6

RESULT 383  
LOCUS AX815810 24 bp DNA linear PAT 09-DEC-2003  
DEFINITION Sequence 65 from Patent WO03066891.  
ACCESSION AX815810  
VERSION AX815810.1 GI:39646490  
KEYWORDS Sus scrofa (pig)  
SOURCE Sus scrofa (pig)  
ORGANISM Sus scrofa  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Euteleostomi; Cetartiodactyla; Suidae; Sus.

REFERENCE 1  
AUTHORS Hardge, T., Schellander, K., and Wimmers, K.  
TITLE Genetic markers for the diagnosis of the expression of inverted  
nipples in pigs, breeding animals and domestic cattle  
JOURNAL Patent: WO 03066891-A 65 14-AUG-2003;  
Foerderverein Biotechnologische Forschung der deutschen  
Schweineproduktion e.V. (DE)  
FEATURES Location/Qualifiers  
source 1..24  
/organism="Sus scrofa"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9823"

Query Match 0.3%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4222 GTGTGCCACAGATTCA 4240  
Db 22 GTGTGCCACAGATTCA 4

RESULT 384  
LOCUS AR066408 22 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 32 from patent US 5849995.  
ACCESSION AR066408  
VERSION AR066408.1 GI:5996624  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Hayden, M., Lin, B., and Nasir, J.  
TITLE Mouse model for Huntington's Disease and related DNA sequences  
JOURNAL Patent: US 5849995-A 32 15-DEC-1998;  
Location/Qualifiers  
source 1..22

/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 6.8e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCTCTTG 302  
Db 1 TCTCTCTCTCTCTTACTTG 22

RESULT 385  
LOCUS AR171534 22 bp DNA linear PAT 17-DEC-2001  
DEFINITION Sequence 60 from patent US 6297048.  
ACCESSION AR171534  
VERSION AR171534.1 GI:17910484  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Jolly, D.J., Chang, S.M.W., Lee, W.T.L., Townsend, K., and O'Dea, J.  
TITLE Hepatitis therapeutics  
JOURNAL Patent: US 6297048-A 60 02-OCT-2001;  
Location/Qualifiers  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 6.8e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3068 GCAGACTCTCAGGCAAGACG 3089  
Db 1 GCAGACTCTCAGGCAAGATG 22

RESULT 386  
LOCUS CQ779060 22 bp DNA linear PAT 11-MAR-2004  
DEFINITION Sequence 4 from Patent WO2004015099.  
ACCESSION CQ779060  
VERSION CQ779060.1 GI:45381707  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Biemann, R., Denoel, P., Feron, C., Goraj, K., Jennings, M.P.,  
Poolman, J., and Weynants, V.  
TITLE Vaccine composition  
JOURNAL Patent: WO 2004015099-A 4 19-FEB-2004;  
GlaxoSmithKline Biologicals S.A. (BE); THE UNIVERSITY OF QUEENSLAND  
(AU)  
FEATURES Location/Qualifiers  
source 1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 6.8e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1449 ATGCAGCTCAAGTCAGCTTG 1470  
Db 1 ATGCAGCTCAAAATAGACATTG 22

RESULT 387  
LOCUS 173278 22 bp DNA linear PAT 03-APR-1998  
DEFINITION Sequence 9 from patent US 5686272.  
ACCESSION 173278 GI:3009417  
VERSION 173278.1 GI:3009417  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Marshall,R.L., Carrino,J.J. and Suetachek,J.C.  
TITLE Amplification of RNA sequences using the ligase chain reaction  
JOURNAL Patent: US 5686272-A 9 11-NOV-1997;  
FEATURES Location/Qualifiers  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 6.8e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1225 ACCAGCAGCTCTCCCGGCGCT 1246  
DB 1 ACCAGCAGCCTGCGCCAGGCGCT 22

RESULT 388  
LOCUS AR361516 22 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 42 from patent US 6599728.  
ACCESSION AR361516  
VERSION AR361516.1 GI:33769364  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Morin,G.B., Funk,W.D. and Piatydzek,M.A.  
TITLE Second mammalian tankyrase  
JOURNAL Patent: US 6599728-A 42-29-JUL-2003;  
FEATURES Location/Qualifiers  
source 1..22  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 6.8e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 732 AGGTTCTTCACCAAGCTGAGC 753  
DB 1 AGGCTTCGACCATGCTGAGC 22

RESULT 389  
LOCUS AX223876 22 bp DNA linear PAT 07-SEP-2001  
DEFINITION Sequence 20 from Patent WO0144473.  
ACCESSION AX223876  
VERSION AX223876.1 GI:15551585  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Spaderna,S.K., Quinn,K.E., Shinkets,R.A., Muralidhara,P. and  
Spytek,K.A.  
TITLE Polypeptides and nucleic acids encoding same  
JOURNAL Patent: WO 0144473-A 20 21-JUN-2001;  
FEATURES Location/Qualifiers

source 1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Ag1387 Forward Primer"

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 6.8e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2305 CAGAAACATCAACCAAAAT 2326  
DB 1 CTGAACCTTCATCCACACAT 22

RESULT 390  
LOCUS AX644636 22 bp DNA linear PAT 27-FEB-2003  
DEFINITION Sequence 18 from Patent WO0209108.  
ACCESSION AX644636  
VERSION AX644636.1 GI:28610644  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Shuter,J. and Ullas,L.  
TITLE ATP-binding cassette transporter-like molecules and uses thereof  
JOURNAL Patent: WO 0209108-A 18 12-DEC-2002;  
FEATURES Location/Qualifiers  
source 1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer 2508-66"

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 6.8e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 106 CTCCTGACGCTCTCCAGGCCG 127  
DB 1 CTCGAGCGCTCTCCAGGAGC 22

RESULT 391  
LOCUS AX921322/c 22 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 315 from Patent WO0206862.  
ACCESSION AX921322  
VERSION AX921322.1 GI:40214943  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS  
TITLE Nov-x proteins and nucleic acids encoding same  
JOURNAL Patent: WO 0206862-A 315 06-SEP-2002;  
FEATURES Location/Qualifiers  
source 1..22  
/organism="synthetic construct"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: oligonucleotide primer"

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 6.8e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5133 TTTCCTTANGTGTCTTTTCAA 5154



Db 22 TTTCCTTTTGTAGCTTTTCA 1

## RESULT 392

AX938735 22 bp DNA linear PAT 07-JAN-2004

LOCUS AX938735 Sequence 180 from Patent EP1365034.

ACCESSION AX938735

VERSION AX938735.1 GI:40733115

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. .22

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="MLLT6"

Query Match 0.3%; Score 15.6; DB 1; Length 22;

Best Local Similarity 81.8%; Pred. No. 6.8e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4943 CAACATGATTCATCGTCGTCG 4964

Db 1 CACCATGAGCCCATCGTCGTCG 22

RESULT 393

BD005554

LOCUS BD005554 22 bp DNA linear PAT 31-JAN-2002

DEFINITION BD005554

ACCESSION BD005554

VERSION BD005554.1 GI:18633925

KEYWORDS JP 2001500738-A/60.

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

OS Unidentified

PN JP 2001500738-A/60

PD 23-JAN-2001

PR 16-SEP-1997 JP 1998514832

PI MATTI SALLBERG, DAVID R MILLICH, MILIAM T L LEE PC

CI2N15/36, CI2N15/19, A61K48/00, A61K39/12, A61K39/29 CC

Strandness: Single;

CC Topology: Linear;

FT Key

FT source

Location/Qualifiers

1. .22

/organism="unidentified"

/mol\_type="genomic DNA"

/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.6; DB 1; Length 22;

Best Local Similarity 81.8%; Pred. No. 6.8e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 269 CCTCTCTCTCTCTCTCTCTC 290

Db 22 CCTCTCTCTCTCTCTCTCTC 1

RESULT 395

A04130

LOCUS A04130 23 bp DNA linear PAT 03-OCT-1994

DEFINITION A04130

ACCESSION A04130

VERSION A04130.1 GI:640499

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. .23

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.6; DB 1; Length 23;

Best Local Similarity 81.8%; Pred. No. 7.3e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3068 GCAGACCTCTGAGGCAAGAGC 3089

Db 1 GCAGATCTCCAGAGCAAGATG 22

## RESULT 394

AB175191/c 22 bp DNA linear SYN 26-MAR-2004

LOCUS AB175191/c

DEFINITION AB175191

ACCESSION AB175191

VERSION AB175191

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. .22

/organism="synthetic construct"

/mol\_type="other DNA"

/db\_xref="taxon:32630"

/note="forward primer for Japanese flounder microsatellite sequence Pol111MHFS"

Query Match 0.3%; Score 15.6; DB 1; Length 22;

Best Local Similarity 81.8%; Pred. No. 6.8e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 269 CCTCTCTCTCTCTCTCTCTC 290

Db 22 CCTCTCTCTCTCTCTCTCTC 1

RESULT 395

A04130

LOCUS A04130 23 bp DNA linear PAT 03-OCT-1994

DEFINITION A04130

ACCESSION A04130

VERSION A04130.1 GI:640499

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. .23

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.6; DB 1; Length 23;

Best Local Similarity 81.8%; Pred. No. 7.3e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 269 CCTCTCTCTCTCTCTCTCTC 290

Db 22 CCTCTCTCTCTCTCTCTCTC 1

RESULT 395

A04130

LOCUS A04130 23 bp DNA linear PAT 03-OCT-1994

DEFINITION A04130

ACCESSION A04130

VERSION A04130.1 GI:640499

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. .23

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.6; DB 1; Length 23;

Best Local Similarity 81.8%; Pred. No. 7.3e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1675 AGCAGATGAAGAACAGCACTC 1696  
DB 1 AGTAGATGAGGAGACGCGCCCTC 22

RESULT 396  
LOCUS AR090472 23 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 592 from patent US 5994076;  
ACCESSION AR090472  
VERSION AR090472.1 GI:10017227  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Chenchik,A., Jukhadze,G. and Bibilashvili,R.  
TITLE Methods of assaying differential expression  
JOURNAL Patent: US 5994076-A 592 30-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..23  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3728 GCCCGGCAAGCAGGTGCCCGG 3749  
DB 1 GCCCGGAAGCGGTGACAGCG 22

RESULT 397  
LOCUS BD226645 23 bp DNA linear PAT 17-JUL-2003  
DEFINITION Use of antiprolactin agent for remedy of hypercytosis.  
ACCESSION BD226645  
VERSION BD226645.1 GI:33036415  
KEYWORDS JP 2002515404-A/3.  
SOURCE Synthetic construct  
ORGANISM Synthetic construct  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Chen,W.Y. and Wagner,T.E.  
TITLE Use of antiprolactin agent for remedy of hypercytosis  
JOURNAL Patent: JP 2002515404-A 3 28-MAY-2002;  
COMMENT MEN Y CHEN,THOMAS E WAGNER  
OS Artificial Sequence  
PN JP 2002515404-A/3  
PD 28-MAY-2002  
PR 11-MAY-1999 JP 2000547993  
PC 12-MAY-1998 US 60/085128,05-FEB-1999 US 09/246041 P1  
WEN Y CHEN,THOMAS E WAGNER  
PC A61K38/22,A61K31/138,A61P35/00,C07K14/575,C07K14/72// PC  
(A61K38/22,A61K31:133),A61K37/24,(A61K37/24,A61K31:133) CC  
Artificially synthesized primer sequence  
FEATURES Location/Qualifiers  
FH Key  
FT source 1..23  
/organism="Artificial Sequence".  
source Location/Qualifiers  
1..23  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2367 CTGCTCACAGAGAGAGAGAGC 2388  
DB 1 CGGCTCTCTAGAGAGATGAGAGC 22

RESULT 398  
LOCUS E49928/c 23 bp DNA linear PAT 31-JAN-2002  
DEFINITION Synthetase gene for flower color of cyclamen.  
ACCESSION E49928  
VERSION E49928.1 GI:18629388  
KEYWORDS JP 2001037485-A/5.  
SOURCE Synthetic construct  
ORGANISM Synthetic construct  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Yamamura,T. and Terakawa,T.  
TITLE Synthetase gene for flower color of cyclamen  
JOURNAL Patent: JP 2001037485-A 5 13-FEB-2001;  
COMMENT HOKKO CHEM IND CO LTD  
OS Artificial Sequence  
PN JP 2001037485-A/5  
PD 13-FEB-2001  
PR 30-JUL-1999 JP 1999217125  
PI TOMOMICHI YAMAMURA,TERUHIKO TERAKAWA  
PC C12N15/09,C12N9/02,C12N9/88//A01H5/00,C12N15/00 CC  
FH Key  
FT source 1..23  
Location/Qualifiers  
source 1..23  
/organism="Artificial Sequence".  
source Location/Qualifiers  
1..23  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 68.2%; Pred. No. 7.3e+02;  
Matches 15; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 3162 ACCAGCCAGCAGCCCATGAGC 3183  
DB 23 ACSAGCCATGAGCCGAYRAASC 2

RESULT 399  
LOCUS AR197507 23 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 592 from patent US 6352829.  
ACCESSION AR197507  
VERSION AR197507.1 GI:20247356  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Chenchik,A., Jukhadze,G. and Bibilashvili,R.  
TITLE Methods of assaying differential expression  
JOURNAL Patent: US 6352829-A 592 05-MAR-2002;  
FEATURES Location/Qualifiers  
source 1..23  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3728 GCCCGGCAAGCAGGTGCCCGG 3749  
DB 1 GCCCGGAAGCGGTGACAGCG 22

RESULT 400  
LOCUS AR259661 23 bp DNA linear PAT 20-DEC-2002

DEFINITION Sequence 592 from patent US 6489455.  
ACCESSION AR259661  
VERSION AR259661.1 GI:27310172  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Chenchik, A., Jokhadze, G. and Bibilashvili, R.  
TITLE Methods of assaying differential expression  
JOURNAL Patent: US 6489455-A 592 03-DEC-2002;  
FEATURES Location/Qualifiers  
source 1..23  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 3728 GCCCGGACAGCAGCCCGG 3749  
Db 1 GCCCGAAGCGGTGACGCG 22

RESULT 401  
AR285012/c  
LOCUS AR285012 23 bp DNA linear PAT 10-APR-2003  
DEFINITION Sequence 91 from patent US 6528261.  
ACCESSION AR285012  
VERSION AR285012.1 GI:29721918  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS De Canck, I., Meresch, G. and Rossau, R.  
TITLE Method for typing of HLA alleles  
JOURNAL Patent: US 6528261-A 91 04-MAR-2003;  
FEATURES Location/Qualifiers  
source 1..23  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 1239 CCGGGCTCCGTCACGTCCTC 1260  
Db 23 CCGGGCTCCGTCCTCGGACTC 2

RESULT 402  
AR302075/c  
LOCUS AR302075 23 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 20 from patent US 6541011.  
ACCESSION AR302075  
VERSION AR302075.1 GI:31690048  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Punnonen, J., Baas, S.H., Whalen, R.G., Howard, R. and Stemmer, W.P.C.  
TITLE Antigen library immunization  
JOURNAL Patent: US 6541011-A 20 01-APR-2003;  
FEATURES Location/Qualifiers  
source 1..23  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 23;

Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 3181 AGCAGTGGGAAGTCACTAGCAG 3202  
Db 22 AGGATTGGGAAGACATATGACG 1

RESULT 403  
AR338176/c  
LOCUS AR338176 23 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 20 from patent US 6569435.  
ACCESSION AR338176  
VERSION AR338176.1 GI:33724920  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Punnonen, J., Baas, S.H., Whalen, R.G., Howard, R. and Stemmer, W.P.C.  
TITLE Flavivirus and alphavirus recombinant antigen libraries  
JOURNAL Patent: US 6569435-A 20 27-MAY-2003;  
FEATURES Location/Qualifiers  
source 1..23  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 3181 AGCAGTGGGAAGTCACTAGCAG 3202  
Db 22 AGGATTGGGAAGACATATGACG 1

RESULT 404  
AR343093/c  
LOCUS AR343093 23 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 20 from patent US 6576757.  
ACCESSION AR343093  
VERSION AR343093.1 GI:33738497  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Punnonen, J., Baas, S.H., Whalen, R.G., Howard, R. and Stemmer, W.P.C.  
TITLE Polynucleotides encoding flavivirus and alphavirus multivalent  
JOURNAL Patent: US 6576757-A 20 10-JUN-2003;  
FEATURES Location/Qualifiers  
source 1..23  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 3181 AGCAGTGGGAAGTCACTAGCAG 3202  
Db 22 AGGATTGGGAAGACATATGACG 1

RESULT 405  
AX012589/c  
LOCUS AX012589 23 bp DNA linear PAT 06-SEP-2000  
DEFINITION Sequence 91 from patent WO954496.  
ACCESSION AX012589  
VERSION AX012589.1 GI:9998583  
KEYWORDS  
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS De Cancke, I., Rossau, R. and Mersch, G.  
TITLE Method for typing of hla alleles  
JOURNAL Patent: WO 9954496-A 91-28-OCT-1999;  
CANCK ILSE DE (BE); ROSSAU RUDI (BE); INNOGENETICS NV (BE); MERSCH  
GUY (BE)

FEATURES  
source  
1..23  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1239 CCGGGCCTCCGTCACGTCCTC 1260  
|||||  
Db 23 CCGGGCCTCCGTCCTCGACTC 2

RESULT 406  
AX350161/c 23 bp DNA linear PAT 06-FEB-2002  
LOCUS AX350161  
DEFINITION Sequence 20 from Patent WO0202775.  
ACCESSION AX350161  
VERSION AX350161.1 GI:18615835  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Boehm, T. and Dear, N.T.  
TITLE Calpain protease 12  
JOURNAL Patent: WO 0202775-A 20 10-JAN-2002;  
BASF AKTIEGENSCHAFT (DE)

FEATURES  
source  
1..23  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Capns-Primer"

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1147 CCACACTGCTCTGCAGAGACT 1168  
|||||  
Db 23 CCACAGTCTCTGCAGCGGCT 2

RESULT 407  
AX955852 23 bp DNA linear PAT 08-JAN-2004  
LOCUS AX955852  
DEFINITION Sequence 21 from Patent WO03097873.  
ACCESSION AX955852  
VERSION AX955852.1 GI:40784490  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Brockmoller, H.J.  
TITLE Polymorphisms in the human gene for hcr3b and their use in  
JOURNAL diagnostic and therapeutic applications  
Patent: WO 03097873-A 21 27-NOV-2003;  
Epidaurus Biotechnologie AG (DE)

FEATURES  
Location/Qualifiers

source  
1..23  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1592 GGAACGAGAGAGAGAGATC 1613  
|||||  
Db 1 GCAACGAGAGAGAGAGAAC 22

RESULT 408  
AX959017 23 bp DNA linear PAT 14-JAN-2004  
LOCUS AX959017  
DEFINITION Sequence 26 from Patent WO03100091.  
ACCESSION AX959017  
VERSION AX959017.1 GI:40879767  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Brockmoller, H.J.  
TITLE Means and methods for improved treatment using setrones  
JOURNAL Patent: WO 03100091-A 26 04-DEC-2003;  
Epidaurus Biotechnologie AG (DE)

FEATURES  
source  
1..23  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1592 GGAACGAGAGAGAGATC 1613  
|||||  
Db 1 GCAACGAGAGAGAGAGAAC 22

RESULT 409  
BD137953/c 23 bp DNA linear PAT 18-SEP-2002  
LOCUS BD137953  
DEFINITION Antigen library immunization.  
ACCESSION BD137953  
VERSION BD137953.1 GI:23232898  
KEYWORDS JP 2002507393-A/17.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Punnonen, J., Bass, S.H., Whalen, R.G., Howard, R. and Stemmer, W.P.C.  
TITLE Antigen library immunization  
JOURNAL Patent: JP 2002507393-A 17 12-MAR-2002;  
MAXGEN INC

COMMENT  
OS Artificial Sequence  
PN JP 2002507393-A/17  
PD 12-MAR-2002  
PF 10-FEB-1999 JP 2000531564  
PR 11-FEB-1998 US 09/021769, 11-FEB-1998 US 60/074294 PR  
23-OCT-1998 US 60/105509  
PI JUHA PUNNONEN, STEVEN H BASS, ROBERT GERALD WHALEN, RUSSELL PI  
HOWARD,  
PI WILLEM P C STEMMER  
PC C1N1S15/09, C07K14/02, C07K14/035, C07K14/16, C07K14/18, C07K14/24,  
PC C07K14/245,  
PC C07K14/28, C07K14/31, C07K14/315, C07K14/35, C07K19/00, G01N33/15,  
PC G01N33/50.

PC G01N37/00,C12N15/00  
Description of Artificial Sequence:AYMSHREV primer FH Key  
Location/Qualifiers  
FT source 1..23  
/organism='Artificial Sequence'  
/location/Qualifiers  
1..23  
/mol\_type='synthetic construct'  
/db\_xref='taxon:32630'

FEATURES  
source

Query Match 0.3%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 7.3e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3181 AGCAGTGGAGTCACTACGCG 3202  
DB 22 AGGATGGAGACATATGACAG 1

RESULT 410  
A17058  
LOCUS A17058 24 bp DNA linear PAT 23-MAR-1994  
DEFINITION oligonucleotide seq ID No: 42.  
ACCESSION A17058  
VERSION A17058.1 GI:512852  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Camble,R., Wilkinson,A.J., Carr,H. and Timms,D.  
TITLE Polypeptides  
JOURNAL Patent: EP 0459630-A 43 04-DEC-1991;  
IMPERIAL CHEMICAL INDUSTRIES PLC; ZENECA LIMITED  
location/Qualifiers  
1..24  
/organism='synthetic construct'  
/mol\_type='unassigned DNA'  
/db\_xref='taxon:32630'

Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3809 CAAGAGCCAGGAGCCCGAG 3830  
DB 2 CAAGAGCTCAGAGAGCCCGAG 23

RESULT 411  
AR089939  
LOCUS AR089939 24 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 59 from patent US 5994076.  
ACCESSION AR089939  
VERSION AR089939.1 GI:10016694  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Chenchik,A., Johhadze,G. and Bibilashvili,R.  
TITLE Methods of assaying differential expression  
JOURNAL Patent: US 5994076-A 59 30-NOV-1999;  
location/Qualifiers  
1..24  
/organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1044 GAGCATCTAAGGCCATCCAG 1065  
DB 3 GAGCATGTGAATGCCATCCAG 24

RESULT 412  
AR113015  
LOCUS AR113015 24 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 16 from patent US 6132954.  
ACCESSION AR113015  
VERSION AR113015.1 GI:14093337  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Lipksi,J.R., Britton,R.A., Court,D.L. and Powell,B.S.  
TITLE Methods of screening for agents that delay a cell cycle and compositions comprising era and an analogue of wild-type era  
JOURNAL Patent: US 6132954-A 16 17-OCT-2000;  
location/Qualifiers  
1..24  
/organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3732 GGCAGCAGCGTGCCCGGCCCC 3753  
DB 3 GGCAGCAGCAGCGCAGCGGCCCC 24

RESULT 413  
AR129570  
LOCUS AR129570 24 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 20 from patent US 6187534.  
ACCESSION AR129570  
VERSION AR129570.1 GI:14117467  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Strom,T.B., Vasconcellos,L. and Suthanthiran,M.  
TITLE Methods of evaluating transplant rejection  
JOURNAL Patent: US 6187534-A 20 13-FEB-2001;  
location/Qualifiers  
1..24  
/organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1859 CACCCAGAGAGACCCCTGAGT 1880  
DB 3 CACACAGAGAGGCGCTCCAGAGT 24

RESULT 414  
AR161356  
LOCUS AR161356 24 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 339 from patent US 6255458.  
ACCESSION AR161356  
VERSION AR161356.1 GI:16227214  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 24)

AUTHORS Lonberg, N. and Kay, R.M.  
TITLE High affinity human antibodies and human antibodies against digoxin  
JOURNAL Patent: US 6255458-A 339 03-JUL-2001;  
FEATURES Location/Qualifiers  
SOURCE 1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4128 AAGCAGTGGACCTCTCCCG 4149  
|||||  
3 AAGCCAGAGACCTCTCCCTG 24

RESULT 415  
BD177185/c  
LOCUS BD177185 24 bp DNA linear PAT 16-APR-2003  
DEFINITION Method for evaluating candidate substances for hair growth  
external use for hair growth.  
external use for hair growth.  
external use for hair growth.  
external use for hair growth.

ACCESSION BD177185  
VERSION BD177185.1 GI:30014445  
KEYWORDS JP 2002296267-A/3.  
SOURCE synthetic construct  
ORGANISM artificial sequence.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Imanura, T., Suzuki, S. and Saito, Y.  
TITLE Method for evaluating candidate substances for hair growth  
stimulant and process of production of dermal preparation for  
external use for hair growth  
Patent: JP 2002296267-A 3 09-OCT-2002;  
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,  
POLA CHEMICAL INDUSTRIES INC  
OS Artificial Sequence  
PN JP 2002296267-A/3  
PD 09-OCT-2002  
PR 30-MAR-2001 JP 2001101045  
PI TORU IMAMURA, SATOSHI SUZUKI, YUKO SAITO  
PC G01N33/15, A61K7/06, A61K45/00, A61P17/14, C12Q1/02, C12Q1/68, PC  
G01N33/50,  
PC G01N33/53, G01N33/56, G01N33/68//C12N15/09, C12N15/00 CC  
Description of Artificial Sequence: primer (anti-sense) FH Key  
Location/Qualifiers  
FT source 1..24  
/organism="Artificial Sequence".  
Location/Qualifiers  
1..24  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

FEATURES  
source

Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1689 AAGCACTCAGACGCCGAGC 1710  
|||||  
24 AAGCAGTCCGACGACCGAAC 3

Db

RESULT 416  
BD205329  
LOCUS BD205329 24 bp DNA linear PAT 17-JUL-2003  
DEFINITION Materials and methods relating to a novel retrovirus.  
ACCESSION BD205329.1 GI:33015099  
VERSION BD205329.1 GI:33015099  
KEYWORDS JP 2002509709-A/21.  
SOURCE synthetic construct  
ORGANISM synthetic construct

REFERENCE Artificial sequences.  
1 (bases 1 to 24)  
AUTHORS Griffiths, D.J., Weiss, R.A., Venables, P.J.W. and Boyd, M.T.  
TITLE Materials and methods relating to a novel retrovirus  
JOURNAL Patent: JP 2002509709-A 21 02-APR-2002;  
CANCER RESEARCH VENTURES LTD  
OS Artificial Sequence  
PN JP 2002509709-A/21  
PD 02-APR-2002  
PR 26-MAR-1999 JP 2000541187  
PR 27-MAR-1998 GB 9806649, 1, 08-JAN-1999 GB 9900409, 5 PI  
DAVID JOHN GRIFFITHS, ROBERT ANTHONY WEISS, PATRICK JOHN PI  
WOODGATE VENABLES,  
PI MARK THOMAS BOYD  
PC C12N15/09, A61K31/7088, A61K38/00, A61K39/395, A61K45/00, A61K48/00, PC  
A61P19/02,  
PC A61P29/00, A61P37/06, C07K14/15, C07K16/10, C12N7/00, C12P21/08, PC  
C12Q1/68,  
PC G01N33/569//A61K35/76, C12N15/00, A61K37/02  
CC Description of Artificial Sequence: Primer  
FH Key Location/Qualifiers  
FT source 1..24  
Location/Qualifiers  
1..24  
/organism="Artificial Sequence".  
Location/Qualifiers  
1..24  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

FEATURES  
source

Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3166 GCCACGACCCACGAGCAGTG 3187  
|||||  
1 GCCATGACACGACGACGAGTG 22

Db

RESULT 417  
E02121  
LOCUS E02121 24 bp DNA linear PAT 29-SEP-1997  
DEFINITION Primer DNA originated from plasmid puc19.  
ACCESSION E02121  
VERSION E02121.1 GI:2170363  
KEYWORDS JP 1989277490-A/1.  
SOURCE synthetic construct  
ORGANISM artificial sequence.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Nakaniishi, S.  
TITLE PRIMER DNA  
JOURNAL Patent: JP 1989277490-A 1 07-NOV-1989;  
MITSUBISHI KASEI CORP  
OS Artificial gene  
OC Artificial sequence; Gene.  
PN JP 1989277490-A/1  
PD 07-NOV-1989  
PR 28-APR-1988 JP 1988106155  
PI NAKANISHI SHIGETADA  
PC C12N15/00;  
CC strandedness: Double;  
CC topology: Linear;  
CC hypothetical: No;  
CC anti-sense: No.  
Location/Qualifiers  
1..24  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

FEATURES  
source

Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;

Matches	18;	Conservative	0;	Mismatches	4;	Indels	0;	Gaps	0;
QY	4038	GAGGGGCCACCGAGGCTCTTAG	4059						
Db	3	GAGCGCGCCGATGGCTCGAG	24						
RESULT 418									
LOCUS	E13302		24 bp	DNA	linear	PAT 27-APR-1998			
DEFINITION	PCR primer for gaining peptide fragment of dog immunoglobulin E.								
ACCESSION	E13302								
VERSION	E13302.1	GI:3252107							
KEYWORDS	JP 1997169795-A/2.								
SOURCE	unidentified								
ORGANISM	unclassified.								
REFERENCE	1	(bases 1 to 24)							
AUTHORS	Torii,T., Yamaki,M., Kuroiwa,Y., Azuma,R., Obara,K., Hasegawa,A. and Tsubimoto,H.								
TITLE	CANINE IMMUNOGLOBULIN E PEPTIDE FRAGMENT, DNA CODING FOR THE SAME, RECOMBINANT VECTOR CONTAINING THE DNA, TRANSFORMANT CONTAINING THE RECOMBINANT VECTOR AND PRODUCTION OF ANTI-CANINE IMMUNOGLOBULIN E ANTIBODY								
JOURNAL	Patent: JP 1997169795-A	2	30-JUN-1997;						
COMMENT	HITACHI CHEM CO LTD								
OS	None								
OC	Artificial sequences.								
PN	JP 1997169795-A/2								
PD	30-JUN-1997								
PF	22-DEC-1995	JP 1995334381							
PI	TORII TETSUO, YAMAKI MITSUO, KUROIWA YASUYUKI, AZUMA RYUOJI, PI OBARA KAZUHIKO, HASEGAWA ATSUSHIRO, TSUBIMOTO Hajime PC								
C07K2/00,C07K16/18,C07K16/42,C12N15/09,C12P21/02,C12P21/02,PC									
ClR1.19):									
CC	strandness: Single;								
CC	topology: Linear;								
CC	hypothetical: No;								
CC	anti-sense: Yes;								
FH	Key	Location/Qualifiers							
FT	source	1..24							
FT		Location/Qualifiers							
FEATURES									
source		Location/Qualifiers							
	1..24	/organism="unidentified"							
		/mol_type="genomic DNA"							
		/db_xref="taxon:32644"							
Query Match	0.3%;	Score 15.6;	DB 1;	Length 24;					
Best Local Similarity	81.8%;	Pred. No. 7.7e+02;							
Matches	18;	Conservative	0;	Mismatches	4;	Indels	0;	Gaps	0;
QY	3201	AGGGCCCTCCGTCGATGGCT	3222						
Db	23	AGGACATCTCGGTGCGATGGCT	2						
RESULT 419									
LOCUS	E11876		24 bp	DNA	linear	PAT 26-JUL-1995			
DEFINITION	Sequence 42 from Patent US 5416195.								
ACCESSION	E11876								
VERSION	E11876.1	GI:909319							
KEYWORDS	Unknown.								
SOURCE	Unknown.								
ORGANISM	Unclassified.								
REFERENCE	1	(bases 1 to 24)							
AUTHORS	Camble,R., Carr,H., Timms,D. and Wilkinson,A.J.								
TITLE	Polypeptide derivatives of granulocyte colony stimulating factor								
JOURNAL	Patent: US 5416195-A	42	16-MAY-1995;						
FEATURES		Location/Qualifiers							

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- "source
  1. .24
  /organism="unknown"
  /mol_type="unassigned DNA"

Query Match
Best Local Similarity 81.8%; Pred. No. 7.7e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3809 CAAGAGCCCAAGGAGCCCAAG 3830
DB 2 CAAGAGCTCAGAGAGCCCAAG 23

RESULT 420
ARI96974
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 24)
AUTHORS
Chenichik,A., Jokhadze,G. and Bibilashvili,R.
TITLE
Methods of assaying differential expression
JOURNAL
Patent: US 6352829-A 59 05-MAR-2002;
FEATURES
location/Qualifiers
1. .24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 81.8%; Pred. No. 7.7e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1044 GAGCATCTTAAGGCCATCCAG 1065
DB 3 GAGCATGTGAATGCCATCCAG 24

RESULT 421
AR259128
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 24)
AUTHORS
Chenichik,A., Jokhadze,G. and Bibilashvili,R.
TITLE
Methods of assaying differential expression
JOURNAL
Patent: US 6489455-A 59 03-DEC-2002;
FEATURES
location/Qualifiers
1. .24
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 81.8%; Pred. No. 7.7e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1044 GAGCATCTTAAGGCCATCCAG 1065
DB 3 GAGCATGTGAATGCCATCCAG 24

RESULT 422
AR338052
LOCUS
DEFINITION
Sequence 124 from patent US 6569432.
24 bp
linear
PAT 17-AUG-2003

```

ACCESSION AR338052  
VERSION AR338052.1 GI:33724721  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Israeli, R.S., Heston, W.D.W., Fair, W.R., Querfelld, O. and Pinto, J.  
TITLE Prostate-specific membrane antigen and uses thereof  
JOURNAL Patent: US 6569432-A 124 27-MAY-2003;  
FEATURES  
source  
1..24  
/organism="unknown"  
/mol\_type="genomic DNA"  
Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Qy 4780 GGCTTCACGTCCTTTGGTTGG 4801  
Db 23 GGCTTCACGTCCTTTGGTTAG 2  
RESULT 423  
LOCUS AR369949 24 bp DNA linear PAT 12-SEP-2003  
DEFINITION Sequence 187 from patent US 6300129.  
ACCESSION AR369949  
VERSION AR369949.1 GI:34606389  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Lomborg, N. and Kay, R.M.  
TITLE Transgenic non-human animals for producing heterologous antibodies  
JOURNAL Patent: US 6300129-A 187 09-OCT-2001;  
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Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Qy 4128 AAGCCACTGACCTCTCCCGG 4149  
Db 3 AAGCCAGAGACCTCTCCCTG 24  
RESULT 424  
LOCUS AX015839 24 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 38 from Patent WO950285.  
ACCESSION AX015839  
VERSION AX015839.1 GI:10041599  
KEYWORDS  
SOURCE Synthetic construct  
ORGANISM Synthetic construct  
REFERENCE 1  
Griffiths, D.J., Venables, P.J., Weiss, R.A. and Boyd, M.T.  
TITLE Materials and methods relating to a novel retrovirus  
JOURNAL Patent: WO 950285-A 38 07-OCT-1999;  
CANCER RES INST (GB); GRIFFITHS DAVID JOHN (GB); MATHIIDA AND  
TERENCE KENNEDY I (GB); VENABLES PATRICK JOHN WOODGATE (GB); WEISS  
ROBERT ANTHONY (GB); BOYD MARK THOMAS (US)  
FEATURES  
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/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"  
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Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Qy 3166 GCCACGACCCCATGATGAGCAGTG 3187  
Db 1 GCCATGACACCATCAAGAGTG 22  
RESULT 425  
LOCUS AX036502 24 bp DNA linear PAT 16-NOV-2000  
DEFINITION Sequence 164 from Patent DE19915141.  
ACCESSION AX036502  
VERSION AX036502.1 GI:11226112  
KEYWORDS  
SOURCE Pseudomonas fluorescens  
ORGANISM Pseudomonas fluorescens  
REFERENCE 1  
Krupp, G.  
AUTHORS Patent: DE 19915141-A 164 28-SEP-2000;  
JOURNAL ARTUS GES FUER MOLEKULARBIOLOG (DE)  
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/organism="Pseudomonas fluorescens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:294"  
Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Qy 3494 CCTGGGAGAGACGACGGGAC 3515  
Db 2 CCTACGGAGAGACGACGGGAC 23  
RESULT 426  
LOCUS AX036514 24 bp DNA linear PAT 16-NOV-2000  
DEFINITION Sequence 176 from Patent DE19915141.  
ACCESSION AX036514  
VERSION AX036514.1 GI:11226124  
KEYWORDS  
SOURCE Pseudomonas syringae  
ORGANISM Pseudomonas syringae  
REFERENCE 1  
Krupp, G.  
AUTHORS Patent: DE 19915141-A 176 28-SEP-2000;  
JOURNAL ARTUS GES FUER MOLEKULARBIOLOG (DE)  
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/organism="Pseudomonas syringae"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:317"  
Query Match 0.3%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 7.7e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Qy 3494 CCTGGGAGAGACGACGGGAC 3515  
Db 2 CCTACGGAGAGACGACGGGAC 23  
RESULT 427



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AX175500/c
LOCUS AX175500 24 bp DNA linear PAT 03-JUN-2001
DEFINITION Sequence 29 from Patent WO0144443.
ACCESSION AX175500
VERSION AX175500.1 GI:14598843
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE
1 White, J.A., Petkovich, P.M., Jones, G. and Ramshaw, H.
CYTOCHROME P450RAI-2 AND RELATED PROTEINS
JOURN. L. 29 21-JUN-2001;
CYTOCHROME INC. (CA)
FEATURES
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/organism="Homo sapiens"
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/db_xref="taxon:9606"

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.7e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3787 AGGCGAGGCGCGCGCGCGGA 3808
Db 22 AGGCGAGTGTGACAGCAGCAGGA 1

RESULT 428
AX288993/c
LOCUS AX288993 24 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 755 from Patent WO0179548.
ACCESSION AX288993
VERSION AX288993.1 GI:17050676
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
METHOD OF DESIGNING ADDRESSABLE ARRAY FOR DETECTION OF NUCLEIC ACID
SEQUENCE DIFFERENCES USING LIGASE DETECTION REACTION
PATENT: WO 0179548-A 755 25-OCT-2001;
JOURN. L. 29 21-JUN-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.7e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2991 GAAACGACGCTGCCCATCTACA 3012
Db 22 GAAACGACGCTGCCCATCTACA 1

RESULT 429
AX290385
LOCUS AX290385 24 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 2147 from Patent WO0179548.
ACCESSION AX290385
VERSION AX290385.1 GI:17052068
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1

AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL Sequence differences using ligase detection reaction
PATENT: WO 0179548-A 2147 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
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/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.7e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3679 CGCCGACATCGTCTCACCNA 3700
Db 3 CGCTCAGCAAGTCTCAGCNA 24

RESULT 431
AX357829
LOCUS AX357829 24 bp DNA linear PAT 13-FEB-2002
DEFINITION Sequence 20 from Patent WO0181916.
ACCESSION AX357829
VERSION AX357829.1 GI:18674642
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Ma, N., Strom, T., Soares, M.C. and Ferran, C.
METHODS OF EVALUATING TRANSPLANT REJECTION
PATENT: WO 0181916-A 20 01-NOV-2001;
JOURN. L. 29 21-JUN-2001;
BETH ISRAEL DEACONESS MEDICAL CENTER, INC. (US) ; CORNELL RESEARCH
FOUNDATION (US)
FEATURES
source
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.7e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3518 GCTGCTTCAGAGAGCCTGCG 3539
Db 1 GATCCCATAGAGAGCAGCCG 22

RESULT 430
AX290902
LOCUS AX290902 24 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 2664 from Patent WO0179548.
ACCESSION AX290902
VERSION AX290902.1 GI:17052585
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
METHOD OF DESIGNING ADDRESSABLE ARRAY FOR DETECTION OF NUCLEIC ACID
SEQUENCE DIFFERENCES USING LIGASE DETECTION REACTION
PATENT: WO 0179548-A 2664 25-OCT-2001;
JOURN. L. 29 21-JUN-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.7e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3518 GCTGCTTCAGAGAGCCTGCG 3539
Db 1 GATCCCATAGAGAGCAGCCG 22
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KEYWORDS	JP 2001517459-A/20.
SOURCE	Homo sapiens (human)
ORGANISM	Homo sapiens
REFERENCE TITLE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrate; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS	Ström,T.B., Vasconcellos,L. and Suthanthiran,M.
JOURNAL	Method of evaluating rejection of transplanted tissue Patent: JP 2001517459-A 20 09-Oct-2001; BETH ISRAEL DEACONESS MEDICAL CENTER, CORNELL RESEARCH FOUNDATION INC
COMMENT	OS Homo sapiens (human) PN JP 2001517459-A/20 PD 09-OCT-2001 PF 22-SEP-1998 JP 2000512987 PI 24-SEP-1997 US 08/937063 PT TERRY B STROM, LAURO VASCONCELLOS, MANIKAM SUTHANTHIRAN PC C12Q1/68,C12N15/09,G01N33/50,C12N15/00 CC Method of evaluating rejection of transplanted tissue FH Key Location/Qualifiers FT source 1..24 /organism='Homo sapiens (human)'. FT location/Qualifiers 1..24 /organism="Homo sapiens"/mol_type="genomic DNA"/db_xref="taxon:9606"
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Dp 1859 3	CACCAAGAGGACCCTGTAGT 1880       CACACAAGAGGGCCTCCAGACT 24
RESULT 437 BD096583	
LOCUS	BD096583 24 bp DNA linear PAT 27-AUG-2002
DEFINITION	Transgenic non-human animals capable of producing heterologous antibodies.
ACCESSION	BD096583
VERSION	BD096583.1 GI:22642171
KEYWORDS	JP 2001527386-A/110.
SOURCE	unidentified
ORGANISM	unclassified
REFERENCE AUTHORS	1 (bases 1 to 24) Lomberg,N. and Kay,R.M.
TITLE	Transgenic non-human animals capable of producing heterologous antibodies
JOURNAL	Patent: JP 2001527386-A 110 25-DEC-2001; GENPHARM INTERNATIONAL
COMMENT	OS Unidentified PN JP 2001527386-A/110 PD 25-DEC-2001 PF 01-DEC-1997 JP 1998525687 PR 02-DEC-1996 US 08/758417 PT NILS LOMBERG, ROBERT M KAY PC C12N5/00,C12N5/28,C12N5/24,C12N5/10,C07K16/00,A61K39/00 CC Strandedness: Single; CC Topology: Linear; CC Transgenic non-human animals capable of producing heterologous antibodies FH key FT source 1..24 location/Qualifiers 1..24 /organism='Unidentified'. FT location/Qualifiers 1..24 /organism="unidentified"/mol_type="genomic DNA"
FEATURES	source

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/db_xref="taxon:32644"

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4128 AAGCACTGAGACCTCTCCCGG 4149
      ||||| ||||| ||||| |||||
Db 3 AAGCAGAGAGACCTCTCCCTG 24

RESULT 438
AR057472/c 17 bp DNA linear PAT 29-SEP-1999
LOCATIONUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match          0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 GGTGGCAGCAGCCGAGC 401
      ||||| ||||| ||||| |||||
Db 17 GGTGGCAGAGCCGAGC 1

RESULT 439
AR057476/c 17 bp DNA linear PAT 29-SEP-1999
LOCATIONUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
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Query Match          0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 384 TGGTGGCAGCAGCCGAG 400
      ||||| ||||| ||||| |||||
Db 17 TGGTGGCAGAGCCGAG 1

RESULT 440
AR074706/c 17 bp DNA linear PAT 28-AUG-2000
LOCATIONUS
DEFINITION
Sequence 3 from patent US 5955276.

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ACCESSION AR074706  
 VERSION AR074706.1 GI:10001459  
 KEYWORDS  
 SOURCE  
 ORGANISM Unknown.

REFERENCE  
 AUTHORS 1 (bases 1 to 17)  
 TITLE Morgante,M. and Vogel,J.Marie.  
 Compound microsatellite primers for the detection of genetic polymorphisms

JOURNAL Patent: US 5955276-A 3 21-SEP-1999;  
 FEATURES  
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 1. .17  
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Query Match 0.3%; Score 15.4; DB 1; Length 17;  
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCT 287  
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 Db 17 TCTCTCTCTCTCTCT 1

RESULT 441  
 AR074707/c 17 bp DNA linear PAT 28-AUG-2000

LOCUS AR074707  
 DEFINITION Sequence 4 from patent US 5955276.  
 ACCESSION AR074707  
 VERSION AR074707.1 GI:10001460  
 KEYWORDS  
 SOURCE Unknown.

ORGANISM Unknown.  
 REFERENCE  
 AUTHORS 1 (bases 1 to 17)  
 TITLE Morgante,M. and Vogel,J.Marie.  
 Compound microsatellite primers for the detection of genetic polymorphisms

JOURNAL Patent: US 5955276-A 4 21-SEP-1999;  
 FEATURES  
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 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTC 286  
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 Db 17 CTCTCTCTCTCTCTC 1

RESULT 442  
 AR074708 17 bp DNA linear PAT 28-AUG-2000

LOCUS AR074708  
 DEFINITION Sequence 5 from patent US 5955276.  
 ACCESSION AR074708  
 VERSION AR074708.1 GI:10001461  
 KEYWORDS  
 SOURCE Unknown.

ORGANISM Unknown.  
 REFERENCE  
 AUTHORS 1 (bases 1 to 17)  
 TITLE Morgante,M. and Vogel,J.Marie.  
 Compound microsatellite primers for the detection of genetic polymorphisms

JOURNAL Patent: US 5955276-A 5 21-SEP-1999;  
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 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCT 287  
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 Db 1 TCTCTCTCTCTCTCT 17

RESULT 443  
 AR074709 17 bp DNA linear PAT 28-AUG-2000

LOCUS AR074709  
 DEFINITION Sequence 6 from patent US 5955276.  
 ACCESSION AR074709  
 VERSION AR074709.1 GI:10001462  
 KEYWORDS  
 SOURCE Unknown.

ORGANISM Unknown.  
 REFERENCE  
 AUTHORS 1 (bases 1 to 17)  
 TITLE Morgante,M. and Vogel,J.Marie.  
 Compound microsatellite primers for the detection of genetic polymorphisms

JOURNAL Patent: US 5955276-A 6 21-SEP-1999;  
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 1. .17  
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 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTC 286  
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 Db 1 CTCTCTCTCTCTCTC 17

RESULT 444  
 AR091418 17 bp DNA linear PAT 07-SEP-2000

LOCUS AR091418  
 DEFINITION Sequence 8 from patent US 5994109.  
 ACCESSION AR091418  
 VERSION AR091418.1 GI:10018173  
 KEYWORDS  
 SOURCE Unknown.

ORGANISM Unknown.  
 REFERENCE  
 AUTHORS 1 (bases 1 to 17)  
 TITLE Wco,S.L.C., Smith,L.C., Cristiano,R.J., Gotchaik,S. and Sparrow,J.  
 Nucleic acid transporter system and methods of use

JOURNAL Patent: US 5994109-A 8 30-NOV-1999;  
 FEATURES  
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 /organism="unknown"  
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Query Match 0.3%; Score 15.4; DB 1; Length 17;  
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 279 TTTCTCTCTCTCTCT 295  
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 Db 1 TTTCTCTCTCTCTCT 17

RESULT 445  
 AR115230/c 17 bp DNA linear PAT 16-MAY-2001

LOCUS AR115230  
 DEFINITION Sequence 1676 from patent US 6132967.  
 ACCESSION AR115230  
 VERSION AR115230.1 GI:14095552

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE  
AUTHORS 1 (bases 1 to 17)  
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.

TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)

JOURNAL Patent: US 6132967-A 1676 17-OCT-2000;

FEATURES  
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Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 385 GGTGCGACGACCGAG 401  
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17 GGTGCGACGACCGAG 1

Db

RESULT 446  
AR115234/c  
LOCUS AR115234 17 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 1680 from patent US 6132967.  
ACCESSION AR115234  
VERSION AR115234.1 GI:14095556  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE  
AUTHORS 1 (bases 1 to 17)  
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.

TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)

JOURNAL Patent: US 6132967-A 1680 17-OCT-2000;

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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
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Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 384 TGGTGGCAGCAGCCGAG 400  
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17 TGGTGGCAGCAGCCGAG 1

Db

RESULT 447  
AR125623  
LOCUS AR125623 17 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 8 from patent US 6177554.  
ACCESSION AR125623  
VERSION AR125623.1 GI:14111685  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE  
AUTHORS 1 (bases 1 to 17)  
Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.

TITLE Nucleic acid transporter systems

JOURNAL Patent: US 6177554-A 8 23-JAN-2001;

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/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 279 TTCTCTCTCTCTCT 295  
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1 TTCTCTCTCTCTCTCT 17

Db

RESULT 448  
BD177700/c  
LOCUS BD177700 17 bp DNA linear PAT 16-APR-2003  
DEFINITION Process for producing L-glutamine by fermentation and L-glutamine-producing microorganism.  
ACCESSION BD177700  
VERSION BD177700.1 GI:30014962  
KEYWORDS JP 2002300887-A/12.  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE  
AUTHORS 1 (bases 1 to 17)  
Nakamura,J., Moriguchi,K., Izui,H., Kawashima,N., Nakamatsu,T. and Kurahashi,O.

TITLE Process for producing L-glutamine by fermentation and L-glutamine-producing microorganism

JOURNAL Patent: JP 2002300887-A 12 15-OCT-2002;

COMMENT  
AUTOMOTO CO INC  
OS Artificial Sequence  
OS Unknown  
PN JP 2002300887-A/12  
PD 15-OCT-2002  
PF 30-MAY-2001 JP 2001162806  
PI JUN NAKAMURA,KAYO MORIGUCHI,HIROSHI IZUI,NOBUKI KAWASHIMA,PI TSUYOSHI NAKAMATSU,OSAMU KURAHASHI  
PC C12N15/09,C12N1/21,C12N9/12,C12P13/14/(C12N1/21,C12R1:15),PC (C12N1/21,C12R1:13),(C12N9/12,C12R1:15),(C12N9/12,C12R1:13),PC (C12P13/14,C12R1:15),(C12P13/14,C12R1:13),C12N15/00 CC  
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FH Key  
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FT source 1..17  
/organism="Artificial Sequence".

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/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2010 CGGATCAGCCACATCTG 2026  
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17 CGGATCAGCCACCACTG 1

Db

RESULT 449  
CG616605  
LOCUS CG616605 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 1345 from Patent WO0192524.  
ACCESSION CG616605  
VERSION CG616605.1 GI:41666823  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS 1  
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 1345 06-DEC-2001;

FEATURES  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

FEATURES  
source  
Location/Qualifiers  
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/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGAGGAAAACATGGG 787  
|||||  
1 AAGAGGAAAACATGGG 17

RESULT 450  
LOCUS C0616606 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 1346 from Patent WO0192524.  
ACCESSION C0616606  
VERSION C0616606.1 GI:41666824  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
1 Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 1346 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES location/Qualifiers  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 772 AGAAGAAAACATGGG 788  
|||||  
1 AGAAGAAAACATGGG 17

RESULT 451  
LOCUS C0616607 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 1347 from Patent WO0192524.  
ACCESSION C0616607  
VERSION C0616607.1 GI:41666825  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
1 Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 1347 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES location/Qualifiers  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 773 GAAAGAAAACATGGGC 789  
|||||  
1 GAAAGAAAACATGGGC 17

RESULT 452  
LOCUS C0623458/c 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 8198 from Patent WO0192524.  
ACCESSION C0623458  
VERSION C0623458.1 GI:41673676  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
1 Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 8198 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES location/Qualifiers  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3873 ATCAAGCCTTCAGATC 3889  
|||||  
17 ATCAAGCCTTCAGATC 1

RESULT 453  
LOCUS C0830787/c 17 bp DNA linear PAT 12-JUL-2004  
DEFINITION Sequence 14 from Patent EP1424398.  
ACCESSION C0830787  
VERSION C0830787.1 GI:50251066  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE artificial sequences.  
1 Nakamura,J., Izui,H., Moriguchi,K., Kawashima,H., Nakamatsu,T. and Kurahashi,O.  
TITLE Method for producing L-glutamine by fermentation and L-glutamine producing bacterium  
JOURNAL Patent: EP 1424398-A 14 02-JUN-2004;  
Ajinomoto Co., Inc. (JP)  
FEATURES location/Qualifiers  
1. .17  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: primer"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2010 CGGATCAGCCACATCTG 2026  
|||||  
17 CGGATCAGCCACATCTG 1

RESULT 454  
E12897

LOCUS E12897 17 bp RNA linear PAT 27-APR-1998  
 DEFINITION Modified antisense oligonucleotide.  
 ACCESSION E12897  
 VERSION E12897.1 GI:5708629  
 KEYWORDS JP 1997095495-A/1.  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.  
 REFERENCE 1 (bases 1 to 17)  
 AUTHORS Matsuda, A. and Ono, A.  
 TITLE ANTISENSE OLIGONUCLEOTIDE, NUCLEOSIDE AND INTERMEDIATE FOR PRODUCING THE SAME, ITS SYNTHESIS, OLIGONUCLEOTIDE SYNTHESIZING UNIT AND ITS  
 JOURNAL Patent: JP 1997095495-A 1 08-APR-1997;  
 COMMENT KANSAI SHIN GIJUTSU KENKYUSHO, KK, MATSUDA AKIRA  
 OS None  
 OC Artificial sequences.  
 PN JP 1997095495-A/1  
 PD 08-APR-1997  
 PF 29-SEP-1995 JP 1995277168  
 PI MATSUDA AKIRA, ONO AKIRA  
 PC C07H21/04//A61K31/70,A61K31/70,C12N15/09;  
 CC strandedness: Single;  
 CC topology: Linear;  
 FH Key  
 FT Location/Qualifiers  
 FT source 1..17  
 FT misc\_feature 1 /organism='Artificial sequences' FT  
 FT /note='5-(N,N-dimethylaminohexyl) carbamoyl-2'-deoxyuridine' FT  
 FT misc\_feature 2 /note='5-methyl-2'-deoxycytidine' FT  
 FT misc\_feature 4 /note='5-methyl-2'-deoxycytidine' FT  
 FT misc\_feature 6 /note='5-methyl-2'-deoxycytidine' FT  
 FT misc\_feature 7 /note='5-methyl-2'-deoxycytidine' FT  
 FT /note='5-(N,N-dimethylaminohexyl) carbamoyl-2'-deoxyuridine' FT  
 FT misc\_feature 8 /note='5-methyl-2'-deoxycytidine' FT  
 FT misc\_feature 10 /note='5-methyl-2'-deoxycytidine' FT  
 FT misc\_feature 11 /note='5-methyl-2'-deoxycytidine' FT  
 FT /note='5-(N,N-dimethylaminohexyl) carbamoyl-2'-deoxyuridine' FT  
 FT misc\_feature 12 /note='5-methyl-2'-deoxycytidine' FT  
 FT misc\_feature 14 /note='5-methyl-2'-deoxycytidine' FT  
 FT misc\_feature 16 /note='5-methyl-2'-deoxycytidine' FT  
 FT misc\_feature 17 /note='5-methyl-2'-deoxycytidine' FT  
 FT /note='5-aminohexylcarbamoyl-2'-deoxyuridine'.  
 FEATURES  
 source 1..17  
 /organism='unidentified'  
 /mol\_type='genomic RNA'  
 /db\_xref='taxon:32644'  
 Query Match 0.3%; Score 15.4; DB 1; Length 17;  
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 271 TCTCTCTCTCTCTCT 287  
 DB 1 TCTCTCTCTCTCTCT 17

RESULT 455  
 LOCUS AR457668 17 bp DNA linear PAT 20-FEB-2004  
 DEFINITION Sequence 1345 from patent US 6686188.  
 ACCESSION AR457668  
 VERSION AR457668.1 GI:42692725  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 17)  
 AUTHORS Gu, Y., Ji, Y., Penn, S. G., Hanzel, D. K., Rank, D. R., Chen, W. and Shannon, M. E.  
 TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
 JOURNAL Patent: US 6686188-A 1345 03-FEB-2004;  
 FEATURES  
 source 1..17  
 /organism='unknown'  
 /mol\_type='genomic DNA'  
 Query Match 0.3%; Score 15.4; DB 1; Length 17;  
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 771 AAGAAGGAAACATGGG 787  
 DB 1 AAGAAGGAAACATGGG 17  
 RESULT 456  
 LOCUS AR457669 17 bp DNA linear PAT 20-FEB-2004  
 DEFINITION Sequence 1346 from patent US 6686188.  
 ACCESSION AR457669  
 VERSION AR457669.1 GI:42692726  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 17)  
 AUTHORS Gu, Y., Ji, Y., Penn, S. G., Hanzel, D. K., Rank, D. R., Chen, W. and Shannon, M. E.  
 TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
 JOURNAL Patent: US 6686188-A 1346 03-FEB-2004;  
 FEATURES  
 source 1..17  
 /organism='unknown'  
 /mol\_type='genomic DNA'  
 Query Match 0.3%; Score 15.4; DB 1; Length 17;  
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 772 AGAAGGAAACATGGG 788  
 DB 1 AGAAGGAAACATGGG 17  
 RESULT 457  
 LOCUS AR457670 17 bp DNA linear PAT 20-FEB-2004  
 DEFINITION Sequence 1347 from patent US 6686188.  
 ACCESSION AR457670  
 VERSION AR457670.1 GI:42692727  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 17)  
 AUTHORS Gu, Y., Ji, Y., Penn, S. G., Hanzel, D. K., Rank, D. R., Chen, W. and Shannon, M. E.

TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 1347 03-FEB-2004;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 773 GAAGAAAACATGGGCG 789  
Db 1 GAAGAAAAGATGGGCG 17

RESULT 458  
AR464521/c 17 bp DNA linear PAT 20-FEB-2004  
LOCUS AR464521  
DEFINITION Sequence 8198 from patent US 6686188.  
ACCESSION AR464521  
VERSION AR464521.1 GI:42659578  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 8198 03-FEB-2004;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3873 ATCAAGCCTTCAGATC 3889  
Db 17 ATCAAGCCTTCAATC 1

RESULT 459  
AX272913 17 bp RNA linear PAT 29-OCT-2001  
LOCUS AX272913  
DEFINITION Sequence 482 from Patent WO0162911.  
ACCESSION AX272913  
VERSION AX272913.1 GI:16545650  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Urvais,T., von Carlwiltz,I., Mcwigen,J.A., Hamblin,P.A. and Ellis,J.H.  
TITLE Method and reagent for the inhibition of grid  
JOURNAL Patent: WO 0162911-A 482 30-AUG-2001;  
FEATURES RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)  
source Location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 882 GAGCTGCCCCCAAGAA 898  
Db 1 GAGCTGCCCAAGAA 17

RESULT 460  
AX503511/c 17 bp DNA linear PAT 27-SEP-2002  
LOCUS AX503511  
DEFINITION Sequence 14 from Patent EP1229121.  
ACCESSION AX503511  
VERSION AX503511.1 GI:123385803  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Nakamura,J., Izui,H., Moriguchi,K., Kawashima,H., Nakamatsu,T. and Kuraishi,O.  
TITLE Method for producing L-glutamine by fermentation and L-glutamine producing bacterium  
JOURNAL Patent: EP 1229121-A 14 07-AUG-2002;  
FEATURES Ajinomoto Co., Inc. (JP)  
source Location/Qualifiers  
1..17  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2010 CGGATCAGCCACATCTG 2026  
Db 17 CGGATCAGCCACACTG 1

RESULT 461  
AX531570/c 17 bp DNA linear PAT 22-NOV-2002  
LOCUS AX531570  
DEFINITION Sequence 1079 from Patent EP1239051.  
ACCESSION AX531570  
VERSION AX531570.1 GI:25254909  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Shannon,M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 1079 11-SEP-2002;  
FEATURES Aeomica, Inc. (US)  
source Location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 819 CTGAGAGAGAGACAC 835  
Db 17 CTGAGAGAGAGAGACAC 1

RESULT 462  
AX634493/c 17 bp RNA linear PAT 21-FEB-2003  
LOCUS AX634493



DEFINITION Sequence 1632 from Patent EP1260586.  
ACCESSION AX634493  
VERSION AX634493.1 GI:28470107  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE  
AUTHORS 1  
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Dizenzo,A.,  
Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,  
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,  
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and  
Woolf,T.  
TITLE Method and reagent for inhibiting the expression of disease related  
genes  
JOURNAL Patent: EP 1260586-A 1632 27-NOV-2002;  
RIBOZYME PHARMACEUTICALS, INC. (US)  
FEATURES  
source 1..17  
/organism="unidentified"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 GGTGGCAGACGCCGAG 401  
DB 17 GGTGGCAGAACCCGAG 1

RESULT 463  
LOCUS AX634501/c 17 bp RNA linear PAT 21-FEB-2003  
DEFINITION Sequence 1640 from Patent EP1260586.  
ACCESSION AX634501  
VERSION AX634501.1 GI:28470115  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE  
AUTHORS 1  
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Dizenzo,A.,  
Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,  
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,  
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and  
Woolf,T.  
TITLE Method and reagent for inhibiting the expression of disease related  
genes  
JOURNAL Patent: EP 1260586-A 1640 27-NOV-2002;  
RIBOZYME PHARMACEUTICALS, INC. (US)  
FEATURES  
source 1..17  
/organism="unidentified"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 384 TGTGGCAGACGCCGAG 400  
DB 17 TGTGGCAGAACCCGAG 1

RESULT 464  
LOCUS AX687778 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 510 from Patent EP1281758.  
ACCESSION AX687778  
VERSION AX687778.1 GI:29410474

KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE  
AUTHORS 1  
TITLE Shannon,M., Gu,Y. and Nguyen,C.T.  
JOURNAL Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and  
mdz12  
Patent: EP 1281758-A 510 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 GAGGCCAAGAGGTTCC 940  
DB 1 GAGGCCAAGCGGTTCC 17

RESULT 465  
LOCUS AX760382 17 bp DNA linear PAT 25-JUN-2003  
DEFINITION Sequence 3703 from Patent WO03040369.  
ACCESSION AX760382  
VERSION AX760382.1 GI:32254998  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE  
AUTHORS 1  
TITLE Telerman,A., Anson,R. and Tuijinder,M.  
JOURNAL Sequences involved in tumoral suppression, tumoral reversion,  
apoptosis and/or viral resistance phenomena and their use as  
medicines  
Patent: WO 03040369-A 3703 15-MAY-2003;  
Molecular Engines Laboratories (FR)  
FEATURES  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 5.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2286 GATCTGCTACTGTGGGA 2302  
DB 1 GATCTGCTGCTGTGGGA 17

RESULT 466  
LOCUS AR074778/c 19 bp DNA linear PAT 28-AUG-2000  
DEFINITION Sequence 75 from patent US 5955276.  
ACCESSION AR074778  
VERSION AR074778.1 GI:10001531  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 19)  
TITLE Morgante,M. and Vogel,J.Marie.  
Compound microsatellite primers for the detection of genetic  
polymorphisms

JOURNAL Patent: US 5955276-A 75 21-SEP-1999;  
FEATURES Location/Qualifiers  
source 1..19 /organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 6e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 279 TTCTCTCTCTCTCTCT 295  
DB 18 TATCTCTCTCTCTCT 2

RESULT 467  
LOCUS BD243002 19 bp DNA linear PAT 17-JUL-2003  
DEFINITION Monkey gonadotropin-releasing hormone receptor.  
ACCESSION BD243002  
VERSION BD243002.1 GI:33052772  
KEYWORDS JP 2002537773-A/3.  
SOURCE synthetic construct  
ORGANISM artificial construct.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Cui,J., Lo,J.L. and Mount,G.R.  
TITLE Monkey gonadotropin-releasing hormone receptor  
JOURNAL Patent: JP 2002537773-A 3 12-NOV-2002;  
MERCK AND CO INC  
COMMENT OS Artificial Sequence  
PN JP 2002537773-A/3  
PD 12-NOV-2002  
PF 22-FEB-2000 JP 2000601190  
PR 26-FEB-1999 US 60/121780, 08-JUN-1999 US 60/138135 PI  
PJ USONG CUI,JANE LING LO,GEORGE R MOUNT  
PC C12N15/09,A61P43/00,C07K14/72,C12N1/15,C12N1/19,C12N1/21,C12N5/PC  
10,  
PC C1201/02//A61K45/00,C12N15/00,C12N5/00  
CC Artificial Primer  
CC n=A, C, T or G Location/Qualifiers  
FH Key misc feature (1)..(19).  
FT Location/Qualifiers  
1..19 /organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

FEATURES source

Query Match 0.3%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 6e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 86 CTTGAGAGTGGCACA 102  
DB 2 CTTGAGAGTGGACACA 18

RESULT 468  
LOCUS AR070817 20 bp DNA linear PAT 18-FEB-2000  
DEFINITION Sequence 8 from patent US 5908773.  
ACCESSION AR070817  
VERSION AR070817.1 GI:7221705  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cesarman,E., Arvanitakis,L., Knowles,D.M. and Meert,E.  
TITLE KSHV positive cell lines  
JOURNAL Patent: US 5908773-A 8 01-JUN-1999;

FEATURES Location/Qualifiers  
source 1..20 /organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4650 GGAGCTGAAGAGTCTGG 4666  
DB 2 GGAGCTAAAGAGTCTGG 18

RESULT 469  
LOCUS AR076725 20 bp DNA linear PAT 30-AUG-2000  
DEFINITION Sequence 90 from patent US 5959096.  
ACCESSION AR076725  
VERSION AR076725.1 GI:10003471  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.,Frank, and Dean,N.  
TITLE Antisense oligonucleotides against human protein kinase C  
JOURNAL Patent: US 5959096-A 90 28-SEP-1999;  
FEATURES Location/Qualifiers  
1..20 /organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGCTCTGGGGGTGC 479  
DB 18 GTGGCCCTGGGGGTGC 2

RESULT 470  
LOCUS AR104505 20 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 8 from patent US 6093806.  
ACCESSION AR104505  
VERSION AR104505.1 GI:12817213  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cesarman,E. and Knowles,D.M.  
TITLE DNA encoding proteins of Kaposi's sarcoma associated herpesvirus  
JOURNAL Patent: US 6093806-A 8 25-JUL-2000;  
FEATURES Location/Qualifiers  
1..20 /organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4650 GGAGCTGAAGAGTCTGG 4666  
DB 2 GGAGCTAAAGAGTCTGG 18

RESULT 471  
LOCUS AR129515 20 bp DNA linear PAT 16-MAY-2001

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DEFINITION Sequence 104 from patent US 6187533.
ACCESSION ARI29515
VERSION ARI29515.1 GI:14117412
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bell,G.I., Yamagata,K., Oda,N., Kaiseki,P.J., Furuta,H.,
Horioka,M., and Menzel,S.
TITLE Mutations in the diabetes susceptibility genes hepatocyte nuclear
factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha
JOURNAL Patent: US 6187533-A 104 13-FEB-2001;
FEATURES
source
location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 991 CCGAGACATTGTTCCAG 1007
DB 3 CCGAGTCACTGTTCCAG 19

RESULT 472
ARI57123 20 bp DNA linear PAT 08-AUG-2001
LOCUS ARI57123
DEFINITION Sequence 40 from patent US 6242590.
ACCESSION ARI57123
VERSION ARI57123.1 GI:15125827
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Cowsett,L.M.
TITLE Antisense modulation of zinc finger protein-217 expression
JOURNAL Patent: US 6242590-A 40 05-JUN-2001;
FEATURES
source
location/Qualifiers
1..20
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/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1375 CTCGGCACCGGCGCTCC 1391
DB 1 CTCGGCGCGGCGGCTCC 17

RESULT 473
BD275596 20 bp DNA linear PAT 17-JUN-2003
LOCUS BD275596
DEFINITION Novel Human Voltage-Gated Potassium Channel.
ACCESSION BD275596
VERSION BD275596.1 GI:33085364
KEYWORDS JP 2002543768-A/26.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 20)
AUTHORS Metzker,M.L., Li,W., Petrukhin,K. and Caskey,T.C.
TITLE Novel Human Voltage-Gated Potassium Channel
JOURNAL Patent: JP 2002543768-A 26 24-DEC-2002;
COMMENT OS Homo Sapiens
PN JP 2002543768-A/26

DEFINITION Sequence 104 from patent US 6187533.
ACCESSION ARI29515
VERSION ARI29515.1 GI:14117412
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bell,G.I., Yamagata,K., Oda,N., Kaiseki,P.J., Furuta,H.,
Horioka,M., and Menzel,S.
TITLE Mutations in the diabetes susceptibility genes hepatocyte nuclear
factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha
JOURNAL Patent: US 6187533-A 104 13-FEB-2001;
FEATURES
source
location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 991 CCGAGACATTGTTCCAG 1007
DB 3 CCGAGTCACTGTTCCAG 19

RESULT 472
ARI57123 20 bp DNA linear PAT 08-AUG-2001
LOCUS ARI57123
DEFINITION Sequence 40 from patent US 6242590.
ACCESSION ARI57123
VERSION ARI57123.1 GI:15125827
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Cowsett,L.M.
TITLE Antisense modulation of zinc finger protein-217 expression
JOURNAL Patent: US 6242590-A 40 05-JUN-2001;
FEATURES
source
location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1375 CTCGGCACCGGCGCTCC 1391
DB 1 CTCGGCGCGGCGGCTCC 17

RESULT 473
BD275596 20 bp DNA linear PAT 17-JUN-2003
LOCUS BD275596
DEFINITION Novel Human Voltage-Gated Potassium Channel.
ACCESSION BD275596
VERSION BD275596.1 GI:33085364
KEYWORDS JP 2002543768-A/26.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 20)
AUTHORS Metzker,M.L., Li,W., Petrukhin,K. and Caskey,T.C.
TITLE Novel Human Voltage-Gated Potassium Channel
JOURNAL Patent: JP 2002543768-A 26 24-DEC-2002;
COMMENT OS Homo Sapiens
PN JP 2002543768-A/26

DEFINITION Sequence 104 from patent US 6187533.
ACCESSION ARI29515
VERSION ARI29515.1 GI:14117412
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bell,G.I., Yamagata,K., Oda,N., Kaiseki,P.J., Furuta,H.,
Horioka,M., and Menzel,S.
TITLE Mutations in the diabetes susceptibility genes hepatocyte nuclear
factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha
JOURNAL Patent: US 6187533-A 104 13-FEB-2001;
FEATURES
source
location/Qualifiers
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/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 991 CCGAGACATTGTTCCAG 1007
DB 3 CCGAGTCACTGTTCCAG 19

RESULT 472
ARI57123 20 bp DNA linear PAT 08-AUG-2001
LOCUS ARI57123
DEFINITION Sequence 40 from patent US 6242590.
ACCESSION ARI57123
VERSION ARI57123.1 GI:15125827
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Cowsett,L.M.
TITLE Antisense modulation of zinc finger protein-217 expression
JOURNAL Patent: US 6242590-A 40 05-JUN-2001;
FEATURES
source
location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1375 CTCGGCACCGGCGCTCC 1391
DB 1 CTCGGCGCGGCGGCTCC 17

RESULT 473
BD275596 20 bp DNA linear PAT 17-JUN-2003
LOCUS BD275596
DEFINITION Novel Human Voltage-Gated Potassium Channel.
ACCESSION BD275596
VERSION BD275596.1 GI:33085364
KEYWORDS JP 2002543768-A/26.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 20)
AUTHORS Metzker,M.L., Li,W., Petrukhin,K. and Caskey,T.C.
TITLE Novel Human Voltage-Gated Potassium Channel
JOURNAL Patent: JP 2002543768-A 26 24-DEC-2002;
COMMENT OS Homo Sapiens
PN JP 2002543768-A/26
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high chiral purity and which modulate .beta.I, .beta.II, .gamma.,  
.delta., .epsilon., .zeta. and .eta. isoforms of human protein  
kinase C

JOURNAL Patent: US 633966-A 90 15-JAN-2002;

FEATURES Location/Qualifiers

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Query Match 0.3%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 6.5e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGGCTCTGGGGTGC 479

Db 18 GTGGGCCCTGGGGTGC 2

RESULT 476 AR232379 20 bp DNA linear PAT 20-DEC-2002

LOCUS Sequence 74 from patent US 6455308.

DEFINITION AR232379

ACCESSION AR232379.1 GI:27274371

VERSION AR232379.1

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Freiler,S.M.

TITLE Antisense modulation of serum amyloid A4 expression

JOURNAL Patent: US 6455308-A 74 24-SEP-2002;

FEATURES Location/Qualifiers

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/organism="unknown"

Query Match 0.3%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 6.5e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3046 ACTTCAGGGGAGATC 3062

Db 20 ACTTCAGGGGAGATC 4

RESULT 477 AR281886 20 bp DNA linear PAT 10-APR-2003

LOCUS Sequence 9 from patent US 6521407.

DEFINITION AR281886

ACCESSION AR281886.1 GI:29717814

VERSION AR281886.1

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Warentus,H.M. and Seabra,L.A.

TITLE Methods for determining chemosensitivity of cancer cells based upon  
expression of negative and positive signal transduction factors

JOURNAL Patent: US 6521407-A 9 18-FEB-2003;

FEATURES Location/Qualifiers

1..20  
/organism="unknown"

Query Match 0.3%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 6.5e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4842 CTGGCTTCAGCTTGGGC 4858

Db 2 CTGGCTTCATCTTGGGC 18

RESULT 478 AR300862 20 bp DNA linear PAT 12-JUN-2003

LOCUS Sequence 90 from patent US 6537973.

DEFINITION AR300862

ACCESSION AR300862.1 GI:31688429

VERSION AR300862.1

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Bennett,C.F., Dean,N.M., Hojima,J.T. and Dorr,F.A.

TITLE Benign nucleotide inhibition of protein kinase C

JOURNAL Patent: US 6537973-A 90 25-MAR-2003;

FEATURES Location/Qualifiers

1..20  
/organism="unknown"

Query Match 0.3%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 6.5e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGGCTCTGGGGTGC 479

Db 18 GTGGGCCCTGGGGTGC 2

RESULT 479 AR315901 20 bp DNA linear PAT 12-JUN-2003

LOCUS Sequence 6438 from patent US 6559294.

DEFINITION AR315901

ACCESSION AR315901.1 GI:31709327

VERSION AR315901.1

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Griffiths,R., Hojima,S.K., Zagursky,R.J., Metcalfe,B.J., Peek,J.A.,  
Sankaran,B. and Fletcher,L.D.

TITLE Chlamydia pneumoniae polynucleotides and uses thereof

JOURNAL Patent: US 6559294-A 6438 06-MAY-2003;

FEATURES Location/Qualifiers

1..20  
/organism="unknown"

Query Match 0.3%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 6.5e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2394 GTCTCTACACTTGA 2410

Db 20 GTCTCTACTTGA 4

RESULT 480 AX018877 20 bp DNA linear PAT 07-SEP-2000

LOCUS Sequence 9 from Patent WO942839.

DEFINITION AX018877

ACCESSION AX018877.1 GI:10042973

VERSION AX018877.1

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Warentus,H.M.

TITLE Treating cancer

JOURNAL Patent: WO 9942839-A 9 26-AUG-1999;

FEATURES  
source  
THERYTE LIMITED (GB); WARENINUS HILMAR (GB)  
location/Qualifiers  
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/note="PRIMER"

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Oy 4842 CTGGCCTCAGCTTGGGC 4858  
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2 CTGGCCTCATCTTGGGC 18

RESULT 481  
AX018892 20 bp DNA linear PAT 07-SEP-2000  
LOCUS  
DEFINITION Sequence 9 from Patent WO9942834.  
ACCESSION AX018892  
VERSION AX018892.1 GI:10042988  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Seabra, L.A. and Warenius, H.  
TITLE Treating cancer  
JOURNAL Patent: WO 9942834-A 9 26-AUG-1999;  
SEABRA LAURENCE ANTHONY (GB); THERYTE LIMITED (GB); WARENINUS HILMAR (GB)  
location/Qualifiers  
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/note="PRIMER"

FEATURES  
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/note="PRIMER"

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Oy 4842 CTGGCCTCAGCTTGGGC 4858  
|||||  
2 CTGGCCTCATCTTGGGC 18

RESULT 482  
AX018909 20 bp DNA linear PAT 07-SEP-2000  
LOCUS  
DEFINITION Sequence 9 from Patent WO9942828.  
ACCESSION AX018909  
VERSION AX018909.1 GI:10043004  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Warenius, H.M.  
TITLE Treating cancer  
JOURNAL Patent: WO 9942828-A 9 26-AUG-1999;  
THERYTE LIMITED (GB); WARENINUS HILMAR MEEK (GB)  
location/Qualifiers  
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/note="PRIMER"

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Oy 4842 CTGGCCTCAGCTTGGGC 4858  
|||||  
2 CTGGCCTCATCTTGGGC 18

RESULT 483  
AX018924 20 bp DNA linear PAT 07-SEP-2000  
LOCUS  
DEFINITION Sequence 9 from Patent WO9942821.  
ACCESSION AX018924  
VERSION AX018924.1 GI:10043019  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Seabra, L.A. and Warenius, H.M.  
TITLE Treating cancer  
JOURNAL Patent: WO 9942821-A 9 26-AUG-1999;  
SEABRA LAURENCE ANTHONY (GB); THERYTE LIMITED (GB); WARENINUS HILMAR MEEK (GB)  
location/Qualifiers  
1..20  
/organism="synthetic construct"  
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/db\_xref="taxon:32630"  
/note="PRIMER"

FEATURES  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PRIMER"

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Oy 4842 CTGGCCTCAGCTTGGGC 4858  
|||||  
2 CTGGCCTCATCTTGGGC 18

RESULT 484  
AX019038 20 bp DNA linear PAT 07-SEP-2000  
LOCUS  
DEFINITION Sequence 9 from Patent WO9942090.  
ACCESSION AX019038  
VERSION AX019038.1 GI:10043119  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Warenius, H.M.  
TITLE Treating cancer  
JOURNAL Patent: WO 9942090-A 9 26-AUG-1999;  
THERYTE LIMITED (GB); WARENINUS HILMAR MEEK (GB)  
location/Qualifiers  
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/note="PRIMER"

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
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Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 4842 CTGGCCTCAGCTTGGGC 4858  
|||||  
2 CTGGCCTCATCTTGGGC 18

RESULT 485  
AX092628 20 bp DNA linear PAT 21-MAR-2001  
LOCUS

DEFINITION Sequence 40 from Patent WO0115676.  
ACCESSION AX092628  
VERSION AX092628.1 GI:13444685  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Hayden M.R., Brooks-Wilson A.R., Pimstone S.N. and Clee S.M.  
TITLE Compositions and methods for modulating hdl cholesterol and triglyceride levels  
JOURNAL Patent: WO 0115676-A 40 08-MAR-2001;  
University of British Columbia (CA) ; Xenon Genetics Inc. (CA)  
FEATURES  
source  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1224 GACCAGCAGCTCTCC 1240  
Db 2 GACCTGCAGCTCTCCC 18

RESULT 486  
AX149226/c  
LOCUS AX149226 20 bp DNA linear PAT 08-JUN-2001  
DEFINITION Sequence 428 from Patent WO0136625.  
ACCESSION AX149226  
VERSION AX149226.1 GI:14347750  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Wright, J.A., Young, A.H. and Dugourd, D.  
TITLE Antisense oligonucleotide sequences derived from groel and groes as inhibitors of microorganisms  
JOURNAL Patent: WO 0136625-A 428 25-MAY-2001;  
Genesense Technologies Inc. (CA)  
FEATURES  
source  
1. 20  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1671 CTGCAGCAGATGAAGA 1687  
Db 19 CAGCAGCAGATGAAGA 3

RESULT 487  
AX353519/c  
LOCUS AX353519 20 bp DNA linear PAT 06-FEB-2002  
DEFINITION Sequence 51 from Patent WO0204636.  
ACCESSION AX353519  
VERSION AX353519.1 GI:18618594  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS van Roy, F., Goossens, S., Janssens, B. and Vanpoucke, G.

TITLE Novel g(a) expressed in heart and testis  
JOURNAL Patent: WO 0204636-A 51 17-JAN-2002;  
Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)  
FEATURES  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="upper primer FVR2521"

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4686 AGAAGCCTGTTCTGTC 4702  
Db 17 AGAAGCCTGTTCACTCC 1

RESULT 488  
BD016089/c  
LOCUS BD016089 20 bp DNA linear PAT 27-AUG-2002  
DEFINITION Oligonucleotide modulation of protein kinase C-epsilon.  
ACCESSION BD016089  
VERSION BD016089.1 GI:22557227  
KEYWORDS JP 2001224386-A/98.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bennett, F.C., Boggs, R.T. and Dean, N.M.  
TITLE Oligonucleotide modulation of protein kinase C-epsilon  
JOURNAL Patent: JP 2001224386-A 98 21-AUG-2001;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Artificial Sequence  
PN JP 2001224386-A/98  
PD 21-AUG-2001  
PR 13-DEC-2000 JP 2000379218  
PR 09-JUL-1993 US 08/089996, 22-FEB-1994 US 08/199779 PI  
FRANK C BENNETT, RUSSELL T BOGGS, NICHOLAS M DEAN PC  
C12N5/09, A61K48/00, C12Q1/48, C12Q1/68, G01N33/15, G01N33/50, PC  
G01N33/53,  
PC G01N33/566, G01N33/573//A61K31/711, A61K31/712, A61K31/7125, PC  
A61P35/00,  
PC A61P43/00, A61P43/00, C12N5/10, C12N15/00, C12N5/00 CC synthetic  
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FT source 1. 20  
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Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGTCCTGGGGGTGC 479  
Db 18 GTGGCCTGCGGGGTGC 2

RESULT 489  
BD016208/c  
LOCUS BD016208 20 bp DNA linear PAT 27-AUG-2002  
DEFINITION Oligonucleotide modulation of protein kinase C-zeta.  
ACCESSION BD016208  
VERSION BD016208.1 GI:22557346  
KEYWORDS JP 2001224387-A/98.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS

REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,F.C., Boggs,R.T. and Dean,N.M.  
TITLE Oligonucleotide modulation of protein kinase C-zeta  
JOURNAL Patent: JP 2001224387-A 98 21-AUG-2001;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Artificial Sequence  
PN JP 2001224387-A/98  
PD 21-AUG-2001  
PR 13-DEC-2000 JP 2000379249  
PC 09-JUL-1993 US 08/089996,22-FEB-1994 US 08/199779 P1  
FRANK C BENNETT, RUSSELL T BOGGS, NICHOLAS M DEAN PC  
C12N15/09,A61K31/7088,A61K48/00,A61P29/00,A61P43/00, PC  
C07H21/00,  
PC C12Q1/48,C12Q1/68,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC  
G01N33/573//  
PC C12N5/10,C12N15/00,C12N5/00  
CC synthetic  
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FT source  
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Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 463 GTGGGCTCTGGGGTGC 479  
Db 18 GTGGGCTCTGGGGTGC 2

RESULT 490  
BD017360/c 20 bp DNA linear PAT 27-AUG-2002  
LOCUS Oligonucleotide modulation of protein kinase C-eta.  
DEFINITION BD017360  
ACCESSION BD017360.1 GI:22558536  
VERSION JP 2001231579-A/98.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,F.C., Boggs,R.T. and Dean,N.M.  
TITLE Oligonucleotide modulation of protein kinase C-eta  
JOURNAL Patent: JP 2001231579-A 98 28-AUG-2001;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Artificial Sequence  
PN JP 2001231579-A/98  
PD 28-AUG-2001  
PR 13-DEC-2000 JP 2000379234  
PC 09-JUL-1993 US 08/089996,22-FEB-1994 US 08/199779 P1  
FRANK C BENNETT, RUSSELL T BOGGS, NICHOLAS M DEAN PC  
C12N15/09,A61K31/711,A61K31/712,A61K31/7125,A61K48/00,A61P29/ PC  
C07H21/00,  
PC A61P43/00,C07H21/00,C12Q1/48,C12Q1/68,G01N33/15,G01N33/50, PC  
G01N33/50,  
PC G01N33/53,G01N33/566//C12N5/10,G01N33/68,C12N15/00,C12N5/00 CC  
CC synthetic  
FH key  
FT source  
FEATURES  
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/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 6.5e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 463 GTGGGCTCTGGGGTGC 479  
Db 18 GTGGGCTCTGGGGTGC 2

RESULT 491  
AR139651  
LOCUS AR139651 21 bp DNA linear PAT 16-JUN-2001  
DEFINITION Sequence 27 from patent US 6207389.  
ACCESSION AR139651  
VERSION AR139651.1 GI:14482147  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Dosch,H,Michael.  
TITLE Methods of controlling T lymphocyte mediated immune responses  
JOURNAL Patent: US 6207389-A 27 27-MAR-2001;  
FEATURES  
source 1.21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5008 GCCTGCTGCAGGAG 5024  
Db 4 GCCTGCTGCAGGAG 20

RESULT 492  
BD260874 21 bp DNA linear PAT 17-JUL-2003  
LOCUS A novel type of transposon-based genetic marker.  
DEFINITION BD260874  
ACCESSION BD260874.1 GI:33070644  
VERSION JP 2002540799-A/32.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Bureau,T., Chang,R., Landry,B. and Ogdonoghue,L.S.  
TITLE A novel type of transposon-based genetic marker  
JOURNAL Patent: JP 2002540799-A 32 03-DEC-2002;  
MCGILL UNIVERSITY, DNA LANDMARKS INC  
COMMENT OS Artificial Sequence  
PN JP 2002540799-A/32  
PD 03-DEC-2002  
PR 30-MAR-2000 JP 2000609602  
PC 01-APR-1999 US 60/127460  
PI THOMAS BUREAU, RUYING CHANG, BENOIT LANDRY, LOUISE STEPHANIE PI  
O'DONOUGHUE  
PC C12N15/09,C12Q1/68,C12N15/00  
CC Artificial Primer  
FH key  
FT source  
FEATURES  
source 1.21  
Location/Qualifiers  
/organism="Artificial Sequence"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 7e+02;  
Matches 16; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 2420 AATCAGCTTGCCCAACCTA 2440

Db 1 AATTMYTTTGGACCAACTTA 21

RESULT 493  
AR299788/c 21 bp DNA 11near PAT 12-JUN-2003  
LOCUS AR299788 Sequence 11523 from patent US 6537751.  
DEFINITION AR299788  
ACCESSION AR299788  
VERSION AR299788.1 GI:31687072  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 11523 25-MAR-2003;  
FEATURES  
Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 273 TCTCTCTTCTCTCTCT 289  
Db 17 TCTCTTCTCTCTCT 1

RESULT 494  
AR393631/c 21 bp DNA 11near PAT 18-DEC-2003  
LOCUS AR393631 Sequence 170 from patent US 6617122.  
DEFINITION AR393631  
ACCESSION AR393631  
VERSION AR393631.1 GI:40120380  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hayden,M.R., Brooks-Wilson,A.R. and Pimstone,S.N.  
TITLE Process for identifying modulators of ABC1 activity  
JOURNAL Patent: US 6617122-A 170 09-SEP-2003;  
FEATURES  
Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTCGCCAGCTCCT 1672  
Db 17 GGCTTCGCCAGCTCCT 1

RESULT 495  
AR393632/c 21 bp DNA 11near PAT 18-DEC-2003  
LOCUS AR393632 Sequence 171 from patent US 6617122.  
DEFINITION AR393632  
ACCESSION AR393632  
VERSION AR393632.1 GI:40120382  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hayden,M.R., Brooks-Wilson,A.R. and Pimstone,S.N.

TITLE Process for identifying modulators of ABC1 activity  
JOURNAL Patent: US 6617122-A 171 09-SEP-2003;  
FEATURES  
Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTCGCCAGCTCCT 1672  
Db 17 GGCTTCGCCAGCTCCT 1

RESULT 496  
AR483346/c 21 bp DNA 11near PAT 14-MAY-2004  
LOCUS AR483346 Sequence 103 from patent US 6703360.  
DEFINITION AR483346  
ACCESSION AR483346  
VERSION AR483346.1 GI:47245962  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS McCall,C.A. and Teng,L.  
TITLE Compositions and methods related to canine Igg and canine IL-13  
JOURNAL Patent: US 6703360-A 103 09-MAR-2004;  
FEATURES  
Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3499 GGAAGAACGCCGGGAC 3515  
Db 21 GGAAGAACGCCGGGAC 5

RESULT 497  
AX092790/c 21 bp DNA 11near PAT 21-MAR-2001  
LOCUS AX092790 Sequence 202 from Patent WO0115676.  
DEFINITION AX092790  
ACCESSION AX092790  
VERSION AX092790.1 GI:13444847  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Hayden,M.R., Brooks-Wilson,A.R., Pimstone,S.N. and Clee,S.M.  
TITLE Compositions and methods for modulating hdl cholesterol and  
triglyceride levels  
JOURNAL Patent: WO 0115676-A 202 08-MAR-2001;  
University of British Columbia (CA) ; Xenon Genetics Inc. (CA)  
FEATURES  
Location/Qualifiers  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTCGCCAGCTCCT 1672



Db 17 GGCTTCGGCCAGCTCT 1  
|||||  
RESULT 498  
AX092791/c 21 bp DNA linear PAT 21-MAR-2001  
LOCUS Sequence 203 from Patent WO0115676.  
ACCESSION AX092791  
VERSION AX092791.1 GI:13444848  
KEYWORDS  
SOURCE  
ORGANISM Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE  
1 Hayden, M.R., Brooks-Wilson, A.R., Pimstone, S.N. and Clee, S.M.  
TITLE Compositions and methods for modulating hdl cholesterol and  
triglyceride levels  
Patent: WO 0115676-A 203 08-MAR-2001;  
JOURNAL University of British Columbia (CA) ; Xenon Genetics Inc. (CA)  
FEATURES  
source  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Oy 1656 GGCTTCGGCCAGCTCT 1672  
|||||  
Db 17 GGCTTCAGCCAGCTCT 1  
|||||  
RESULT 499  
AX095716 21 bp DNA linear PAT 30-MAR-2001  
LOCUS Sequence 894 from Patent WO0118250.  
ACCESSION AX095716  
VERSION AX095716.1 GI:13511943  
KEYWORDS  
SOURCE Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE  
1 Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.O. and  
McCarthy, J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 894 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 7e+02; 2; Indels 0; Gaps 0;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
Oy 1027 CCAAGTGGGCTTCAGAGA 1045  
|||||  
Db 3 CAAAGTGAYTTCAGAGA 21  
|||||  
RESULT 500  
AX280368 21 bp DNA linear PAT 02-NOV-2001  
LOCUS Sequence 103 from Patent WO0177332.  
DEFINITION

ACCESSION AX280368  
VERSION AX280368.1 GI:1660746  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS McCall, C.A. and Tang, L.  
TITLE Compositions and methods related to canine igg and canine il-13  
JOURNAL Patent: WO 0177332-A 103 18-OCT-2001;  
Heeka Corporation (US)  
FEATURES  
source  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Primer"  
Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Oy 3499 GGAAGAACGCGGCGAC 3515  
|||||  
Db 21 GGAAGAACCGCGGCGAC 5  
|||||  
RESULT 501  
AX706354 21 bp DNA linear PAT 04-APR-2003  
LOCUS Sequence 23 from Patent WO03013534.  
ACCESSION AX706354  
VERSION AX706354.1 GI:29562777  
KEYWORDS  
SOURCE Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE  
1 Heinrich, G. and Kerb, R.  
TITLE Methods for the treatment of cancer with irinotecan based on CYP3A5  
JOURNAL Patent: WO 03013534-A 23 20-FEB-2003;  
Epidaurus Biotechnologie AG (DE)  
FEATURES  
source  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 7e+02; 2; Indels 0; Gaps 0;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
Oy 1669 TCCTGACGAGTGAAGA 1687  
|||||  
Db 3 TCCTGACGAGGTGAAGA 21  
|||||  
RESULT 502  
AX706355 21 bp DNA linear PAT 04-APR-2003  
LOCUS Sequence 24 from Patent WO03013534.  
ACCESSION AX706355  
VERSION AX706355.1 GI:29562778  
KEYWORDS  
SOURCE Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE  
1 Heinrich, G. and Kerb, R.  
TITLE Methods for the treatment of cancer with irinotecan based on CYP3A5

JOURNAL Patent: WO 03013534-A 24 20-FEB-2003;  
Epidaurus Biotechnologie AG (DE)  
FEATURES Location/Qualifiers  
source 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 7e+02;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 1669 TCCTGCAGCAGATGAGAA 1687  
Db 19 TCCTGCAGGCGGTGAAGAA 1

RESULT 503  
AX707284 21 bp DNA linear PAT 04-APR-2003  
LOCUS Sequence 23 from Patent WO03013536.  
DEFINITION AX707284  
ACCESSION AX707284  
VERSION AX707284.1 GI:29563457  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Heinrich, G. and Kerb, R.  
TITLE Methods for treatment of cancer using irinotecan based on UGT1A1  
JOURNAL Patent: WO 03013536-A 23 20-FEB-2003;  
Epidaurus Biotechnologie AG (DE)  
FEATURES Location/Qualifiers  
source 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

misc\_feature  
/note="y=c or c"

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 7e+02;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 1669 TCCTGCAGCAGATGAGAA 1687  
Db 3 TCCTGCAGGCGGTGAAGAA 21

RESULT 504  
AX707285 21 bp DNA linear PAT 04-APR-2003  
LOCUS Sequence 24 from Patent WO03013536.  
DEFINITION AX707285  
ACCESSION AX707285  
VERSION AX707285.1 GI:29563458  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Heinrich, G. and Kerb, R.  
TITLE Methods for treatment of cancer using irinotecan based on UGT1A1  
JOURNAL Patent: WO 03013536-A 24 20-FEB-2003;  
Epidaurus Biotechnologie AG (DE)  
FEATURES Location/Qualifiers  
source 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

misc\_feature  
/note="r=g or a"

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 7e+02;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 1669 TCCTGCAGCAGATGAGAA 1687  
Db 19 TCCTGCAGGCGGTGAAGAA 1

RESULT 505  
AX188728 22 bp DNA linear PAT 08-AUG-2001  
LOCUS Sequence 39 from Patent WO0148015.  
DEFINITION AX188728  
ACCESSION AX188728  
VERSION AX188728.1 GI:15142292  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Lind, P., Parodi, L. A., Lindberg, E., Vogel, G., Wood, L. S.,  
Hiebach, R. R. and Ruff, V.  
TITLE Novel g protein-coupled receptors  
JOURNAL Patent: WO 0148015-A 39 05-JUL-2001;  
PHARMACIA & UPJOHN COMPANY (US)  
FEATURES Location/Qualifiers  
source 1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

/note="Novel Sequence"

Query Match 0.3%; Score 15.4; DB 1; Length 22;  
Best Local Similarity 94.1%; Pred. No. 7.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2788 TTGTCAAGACTCAGAA 2804  
Db 18 TTGTCAAGGCCAGAA 2

RESULT 506  
A50160 23 bp DNA linear PAT 07-MAR-1997  
LOCUS A50160  
DEFINITION Sequence 1 from Patent WO9612809.  
ACCESSION A50160  
VERSION A50160.1 GI:2303307  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
unclassified.

REFERENCE 1 (bases 1 to 23)  
AUTHORS Charneau, P., Clavel, F., Borman, A., Quillent, C., Guetard, D.,  
Montagnier, L., Donjon, D. S. and Cohen, J. H.  
TITLE NUCLEOTIDE SEQUENCES OF HIV-1 TYPE (OR SUBTYPE) O RETROVIRUS  
JOURNAL ANTIGENS  
PATENT: WO 9612809-A 1 02-MAY-1996;  
PASTEUR INSTITUTE (FR)

COMMENT Other publication FR 2731225 960906  
Other publication AU 3808995 960515  
Other publication FR 2726006 960426.  
FEATURES Location/Qualifiers  
source 1..23  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.4; DB 1; Length 23;  
Best Local Similarity 76.2%; Pred. No. 7.9e+02;  
Matches 16; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

OY 1590 GTGAAACAGAGAGAGAG 1610

Db 2 GTGATWYATGAGCAGAAG 22

## RESULT 507

AR211070 23 bp DNA linear PAT 20-JUN-2002  
LOCUS Sequence 1 from patent US 6399294.  
ACCESSION AR211070  
VERSION AR211070.1 GI:21514294  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 23)  
AUTHORS Charnau, P., Clavel, F., Borman, A., Quillent, C., Guetard, D.,  
Montagnier, L., Donjon De Saint-Martin, V., and Cohen, J.  
TITLE Nucleotide sequences of HIV-1 type (or subtype) O retrovirus  
antigens  
JOURNAL Patent: US 6399294-A 1 04-JUN-2002;  
FEATURES Location/Qualifiers  
source 1..23  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 23;  
Best Local Similarity 76.2%; Pred. No. 7.1e+02;  
Matches 16; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 1590 GTGGAACAGAGAGAGAG 1610  
Db 2 GTGATWYATGAGCAGAAG 22

## RESULT 508

AR029137 20 bp DNA linear PAT 29-SEP-1999  
LOCUS Sequence 13 from patent US 5859221.  
ACCESSION AR029137  
VERSION AR029137.1 GI:5941110  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Cook, P. Dan. and Kawasaki, A. Mamoru.  
TITLE 2'-modified oligonucleotides  
JOURNAL Patent: US 5859221-A 13 12-JAN-1999;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

## RESULT 509

AR036521 20 bp DNA linear PAT 29-SEP-1999  
LOCUS Sequence 13 from patent US 5872232.  
ACCESSION AR036521  
VERSION AR036521.1 GI:5953189  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Cook, P. Dan. and Kawasaki, A. Mamoru.  
TITLE 2'-O-modified oligonucleotides  
JOURNAL Patent: US 5872232-A 13 16-FEB-1999;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4155 CCTGCTGCTCTCTCTGCCC 4174  
Db 1 CCTGCTGCTCTCTCTCTC 20

RESULT 510 20 bp DNA linear PAT 29-SEP-1999  
AR066695/c  
LOCUS Sequence 43 from patent US 5851760.  
ACCESSION AR066695  
VERSION AR066695.1 GI:5997917  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Evans, G. A. and Smith, M. W.  
TITLE Method for generation of sequence sampled maps of complex genomes  
JOURNAL Patent: US 5851760-A 43 22-DEC-1998;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5060 CAGCCTTTCTCTCTATCTC 5079  
Db 20 CAGCCTTGTCTCAGCTCTC 1

RESULT 511 20 bp DNA linear PAT 18-FEB-2000  
AR070562/c  
LOCUS Sequence 6 from patent US 5907079.  
ACCESSION AR070562  
VERSION AR070562.1 GI:7221450  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Mak, T. W. and Reitmair, A.  
TITLE MSH2 disrupted mice develop lymphomas  
JOURNAL Patent: US 5907079-A 6 25-MAY-1999;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2068 ACAAGGAGCGCTGGGGGTG 2087  
Db 20 ACAAGAGAGCTGTGTGGTG 1

RESULT 512  
AR072308/c  
LOCUS AR072308 20 bp DNA linear PAT 28-AUG-2000  
DEFINITION Sequence 111 from patent US 5948611.  
ACCESSION AR072308  
VERSION AR072308.1 GI:9999072  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Procop,D.J., Ala-Kotko,L., Williams,C.J., Rivaniemi,P.,  
Baldwin,C., Hopkinson,I. and Ahmad,N.Mina.  
TITLE Primers and methods for detecting mutations in the procollagen II  
gene (COL2A1) that indicate a genetic predisposition for a  
COL2A1-associated disease  
JOURNAL Patent: US 5948611-A 111 07-SEP-1999;  
FEATURES  
LOCATION/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4158 GCTGCTCTCTCTCTCCGAGC 4177  
DB 20 GCTGATCTTATGCCAGC 1

RESULT 513  
AR073958  
LOCUS AR073958 20 bp DNA linear PAT 28-AUG-2000  
DEFINITION Sequence 27 from patent US 5952229.  
ACCESSION AR073958  
VERSION AR073958.1 GI:10000718  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Montia,B.P. and Boggs,R.T.  
TITLE Antisense oligonucleotide modulation of raf gene expression  
JOURNAL Patent: US 5952229-A 27 14-SEP-1999;  
FEATURES  
LOCATION/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4155 CTTGCTGCTCTCTCTCTCC 4174  
DB 1 CTTGCTGCTCTCTCTCTCTC 20

RESULT 514  
AR083184/c  
LOCUS AR083184 20 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 34 from patent US 5976807.  
ACCESSION AR083184  
VERSION AR083184.1 GI:10009974  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Horlick,R.A., Damaj,B.B. and Robbina,A.K.  
TITLE Eukaryotic cells stably expressing genes from multiple transfected  
episomes

JOURNAL Patent: US 5976807-A 34 02-NOV-1999;  
FEATURES  
LOCATION/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 440 GCCTCCGCTCTCTCTGCG 459  
DB 20 GCCTCCGCTCTCTCTGCG 1

RESULT 515  
AR096054  
LOCUS AR096054 20 bp DNA linear PAT 08-SEP-2000  
DEFINITION Sequence 13 from patent US 6005087.  
ACCESSION AR096054  
VERSION AR096054.1 GI:10024506  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cook,P.Dan. and Kawasaki,A.Mamoru.  
TITLE 2'-modified oligonucleotides  
JOURNAL Patent: US 6005087-A 13 21-DEC-1999;  
FEATURES  
LOCATION/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4155 CTTGCTGCTCTCTCTGCGC 4174  
DB 1 CTTGCTGCTCTCTCTCTCTC 20

RESULT 516  
AR098409  
LOCUS AR098409 20 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 16 from patent US 6075125.  
ACCESSION AR098409  
VERSION AR098409.1 GI:12807666  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bacon,L.D., Hunt,H.D. and Fulton,J.E.  
TITLE Production of antisera specific to major histocompatibility complex  
molecules in chickens  
JOURNAL Patent: US 6075125-A 16 13-JUN-2000;  
FEATURES  
LOCATION/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 403 CACCAAGAGCAACGCGCG 422  
DB 1 CACCAAGAGCAATGCGAG 20

RESULT 517

AR105513  
LOCUS AR105513 20 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 13 from patent US 6096720.  
ACCESSION AR105513  
VERSION AR105513.1 GI:12819110  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Love,W.Guy., Nicklin,P.,Lealie., Hamilton,K.,Ophelia. and Phillips,J.,Ann.  
TITLE Liposomal oligonucleotide compositions  
JOURNAL Patent: US 6096720-A 13 01-AUG-2000;  
FEATURES  
SOURCE Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4155 CCGCTGCGCTCCTCCTGCC 4174  
|||||  
1 CCTGCTGCTTCTCTCTC 20

RESULT 518  
AR107610/c  
LOCUS AR107610 20 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 50 from patent US 6110664.  
ACCESSION AR107610  
VERSION AR107610.1 GI:12823097  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cowser,L.M.  
TITLE Antisense inhibition of G-alpha-S1 expression  
JOURNAL Patent: US 6110664-A 50 29-AUG-2000;  
FEATURES  
SOURCE Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2320 AAAAATCAGCAGCAGCAG 2339  
|||||  
20 AATAAATTAACAGCAGCAG 1

RESULT 519  
AR124961/c  
LOCUS AR124961 20 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 11 from patent US 6172216.  
ACCESSION AR124961  
VERSION AR124961.1 GI:14110322  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.,Frank., Dean,N.M., Monia,B.P., Nickoloff,B.J. and Zhang,Q.  
TITLE Antisense modulation of BCL-X expression  
JOURNAL Patent: US 6172216-A 11 09-JAN-2001;  
FEATURES  
SOURCE Location/Qualifiers  
1..20

/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2830 GCGAGCTGCTGCTGACTT 2849  
|||||  
20 GCGAGCTGCTGCTGACTT 1

RESULT 520  
AR136423/c  
LOCUS AR136423 20 bp DNA linear PAT 16-JUN-2001  
DEFINITION Sequence 18 from patent US 6136604.  
ACCESSION AR136423  
VERSION AR136423.1 GI:14477095  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Monia,B.P. and Wyatt,J.  
TITLE Antisense inhibition of methionine aminopeptidase 2 expression  
JOURNAL Patent: US 6136604-A 18 24-OCT-2000;  
FEATURES  
SOURCE Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2800 AGGAGGAGAAATGAGAA 2819  
|||||  
20 AAGGAGGAGAAATGAGAA 1

RESULT 521  
AR150199  
LOCUS AR150199 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 275 from patent US 6228642.  
ACCESSION AR150199  
VERSION AR150199.1 GI:15114790  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Bennett,C.,Frank., Butler,M.M. and Shanahan,W.R. Jr.  
TITLE Antisense oligonucleotide modulation of tumor necrosis factor-(alpha.) (TNF-(alpha.)) expression  
JOURNAL Patent: US 6228642-A 275 08-MAY-2001;  
FEATURES  
SOURCE Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1602 AAGGAGAAGATCTGCGAA 1621  
|||||  
1 AAGGAGAAGAGGCTGAGGA 20

RESULT 522  
AR162556/c  
LOCUS AR162556 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 60 from patent US 6258601.

ACCESSION ARI62556  
VERSION ARI62556.1 GI:16229804  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Montia,B.P. and Cowseert,L.M.  
TITLE Antisense modulation of ubiquitin protein ligase expression  
JOURNAL Patent: US 6258601-A 60 10-JUL-2001;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1651 GAGNAGCTTCTGCCAGCTC 1670  
Db 20 GATATGGCATCTGCCAGCTC 1

RESULT 523  
ARI63874  
LOCUS ARI63874 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 72 from patent US 6271030.  
ACCESSION ARI63874  
VERSION ARI63874.1 GI:16234669  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Montia,B.P., Butler,M.M. and Wyatt,J.  
TITLE Antisense inhibition of C/EBP beta expression  
JOURNAL Patent: US 6271030-A 72 07-AUG-2001;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1368 CCTGAGTCTCCGACCGGCC 1387  
Db 1 CCGGAGTCTCAGCCCGGCC 20

RESULT 524  
ARI66292/c  
LOCUS ARI66292 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 65 from patent US 6280978.  
ACCESSION ARI66292  
VERSION ARI66292.1 GI:16241556  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Mitchell,L.G. and Garcia-Blanco,M.A.  
TITLE Methods and compositions for use in spliceosome mediated RNA  
trans-splicing  
JOURNAL Patent: US 6280978-A 65 28-AUG-2001;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1953 ATCCACGCTCTGGAACAT 1972  
Db 20 ATCATCAGCCCTGGAACAT 1

RESULT 525  
ARI77711  
LOCUS ARI77711 20 bp DNA linear PAT 17-DEC-2001  
DEFINITION Sequence 58 from patent US 6312949.  
ACCESSION ARI77711  
VERSION ARI77711.1 GI:17920066  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Sakurada,K., Palmer,T. and Gage,F.H.  
TITLE Regulation of tyrosine hydroxylase expression  
JOURNAL Patent: US 6312949-A 58 06-NOV-2001;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3371 GCCCTGACGGGAGAAAGTC 3390  
Db 1 GACGTGATGGCGAAGATC 20

RESULT 526  
BD228072  
LOCUS BD228072 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Antisense oligonucleotide regulation of expression of tumor  
necrosis factor-alpha (TNF-alpha).  
ACCESSION BD228072  
VERSION BD228072.1 GI:33037842  
KEYWORDS JP 2002526125-A/275.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Bennett,F.C., Butler,M.M. and Jr,W.J.S.  
TITLE Antisense oligonucleotide regulation of expression of tumor  
necrosis factor-alpha (TNF-alpha)  
JOURNAL Patent: JP 2002526125-A 275 20-AUG-2002;  
COMMENT  
OS Artificial Sequence  
PN JP 2002526125-A/275  
PD 20-AUG-2002  
PF 05-OCT-1999 JP 2000574737  
PR 05-OCT-1998 US 09/166186 18-MAY-1999 US 09/313932 PI  
BRENDA F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI  
SHANAHAN JR  
PC C12N15/09,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/  
PC 00,A61P1/16,  
PC A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC  
C07H21/02,  
PC C07H21/04,C12N15/00  
CC Synthetic  
FH Key  
FT source Location/Qualifiers  
1..20  
/organism="Artificial Sequence".  
/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1602 AAGGAGAAAGATCTGCGAA 1621  
|||||  
1 AAGGAGAAAGATCTGCGAA 20

Db

RESULT 527  
BD243051/c  
LOCUS BD243051 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Antisense modulation of bcl-x expression.  
ACCESSION BD243051  
VERSION BD243051.1 GI:33052821  
KEYWORDS JP 2002526093-A/10.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett, F.C., Dean, N.M., Monia, B.P., Nickoloff, B.J. and Zhang, Q.  
TITLE Antisense modulation of bcl-x expression  
JOURNAL Patent: JP 2002526093-A 10 20-AUG-2002;  
ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2002526093-A/10  
PD 20-AUG-2002  
PF 28-SEP-1999 JP 2000574543  
PR 07-OCT-1998 US 09/167921.26-MAR-1999 US 09/277020 PR  
02-JUN-1999 US 09/323743  
PI FRANK C BENNETT, NICHOLAS M DEAN, BRETT P MONIA, BRIAN J PI  
NICKOLOFF,  
PI QINGQING ZHANG  
PC C12N15/09, A61K9/10, A61K31/337, A61K31/711, A61K31/7115, A61K31/  
712,  
PC A61K31/7125, A61K31/24, A61K48/00, A61P35/00, A61P43/00, C07H21/04,  
PC C12N5/10//  
PC (C12N5/10, C12R1:91), C12N15/00, C12N5/00, C12N5/00, C12R1:91) CC  
Synthetic  
FH Key Location/Qualifiers  
FT source 1..20  
LOCATION/Qualifiers  
1..20  
Location/Qualifiers  
1..20  
/organism="Artificial Sequence".  
source  
1..20  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2830 GGAGCTGTGTGTGAGTTT 2849  
|||||  
20 GGAGCTGTGTGTGAGTTT 1

Db

RESULT 528  
BD262914/c  
LOCUS BD262914 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Cancer cells from cell-containing body fluids, the isolation and  
use thereof, and compositions containing said cancer cells.  
ACCESSION BD262914  
VERSION BD262914.1 GI:33072682  
KEYWORDS JP 2002523017-A/12.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Austriup, F. and Giesing, M.  
TITLE Cancer cells from cell-containing body fluids, the isolation and

use thereof, and compositions containing said cancer cells  
Patent: JP 2002523017-A 12 30-JUL-2002;  
MICHAEL GIESING  
OS Artificial Sequence  
PN JP 2002523017-A/12  
PD 30-JUL-2002  
PF 27-JUL-1999 JP 2000562484  
PR 27-JUL-1998 DE 198 33 738 8  
PI FRANK AUSTRIUP, MICHAEL GIESING  
PC C12N15/09, A61K35/12, C12M1/00, C12M1/12, C12N5/06, C12Q1/02 PC  
, C12Q1/68, C12N15/00,  
PC C12N5/00  
CC Cancer cells from cell-containing body fluids, the isolation  
and use  
CC thereof, and compositions containing said cancer cells FH  
CC Key Location/Qualifiers  
FT source 1..20  
LOCATION/Qualifiers  
1..20  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2801 GGAAGCAAAATGAGAAG 2820  
|||||  
20 GGAAGCAAAATGAGAAG 1

Db

RESULT 529  
CQ764474/c  
LOCUS CQ764474 20 bp DNA linear PAT 03-MAR-2004  
DEFINITION Sequence 3092 from Patent WO2004003201.  
ACCESSION CQ764474  
VERSION CQ764474.1 GI:44907710  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1  
AUTHORS Kane, C.D.  
TITLE Antisense modulation of ltr1 expression  
JOURNAL Patent: WO 2004003201-A 3092 08-JAN-2004;  
Pharmacia Corporation (US)  
LOCATION/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Human LRH1 antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4650 GGAGCTGAAGATCTGGGTA 4669  
|||||  
20 GGAGCTGAAGATCTGGGTA 1

Db

RESULT 530  
CQ765898/c  
LOCUS CQ765898 20 bp DNA linear PAT 03-MAR-2004  
DEFINITION Sequence 6 from Patent WO2004005926.  
ACCESSION CQ765898  
VERSION CQ765898.1 GI:44908186  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct

REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL

Artificial sequences.  
Ward, C.M., Stern, P.L. and Carroll, M.M.  
5r4 antigen expression as a marker for stem cell differentiation  
Patent: WO 200400526-A 6 15-JAN-2004;  
Oxford Biomedica (UK) Limited (GB) ; CANCER RESEARCH TECHNOLOGY LIMITED (GB)

FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer Fgf-5 R"

Query Match  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1689 AACCACTCAGAGCAGCCGA 1708  
Db 20 AACGATCGCAGCAGCCGA 1

RESULT 531  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL

CQ784105  
Sequence 4245 from Patent EP1396543.  
CQ784105  
CQ784105.1 GI:45538593  
synthetic construct  
synthetic construct  
artificial sequences.  
Oca, T., Nishikawa, T., Isogai, T., Hayashi, K., Ishii, S., Kawai, Y.,  
Wakamatsu, A., Sugiyama, T., Nagai, K., Kojima, S., Otsuki, T. and  
Koga, H.  
Primers for synthesizing full length cDNA clones and their use  
Patent: EP 1396543-A 4245 10-MAR-2004;  
Research Association for Biotechnology (JP)

FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: an artificially  
synthesized primer sequence"

Query Match  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1640 CTCGAAAAGAGAGAGGCT 1659  
Db 1 CCCGAGAAAGAGAGAGGCT 20

RESULT 532  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL

E28933  
Method for inhibiting intracellular neovascularization.  
E28933  
E28933.1 GI:13020925  
JP 1999266871-A/2.  
unidentified  
unidentified  
unclassified.  
1 (bases 1 to 20)  
Shigeru, Y., Yasushi, K., Yukichi, O., Kiyoshi, U. and Toshiki, S.  
Method for inhibiting intracellular neovascularization  
Patent: JP 1999266871-A 2 05-OCT-1999;  
TOGOSHI CHEM IND CO LTD  
OS Unidentified

PN JP 1999266871-A/2  
PD 05-OCT-1999  
PP 19-MAR-1998 JP 1998089578  
PR  
PI SHIGERU YAFUJI, YASUSHI KAMAKAMI, YUKICHI OKUDA, KIYOSHI UCHIDA,  
PI TOSHIKI SEGAWA  
PC C12N15/09, A61K31/70, A61K31/70, A61K48/00, C12Q1/68, C12N15/00 CC  
Strandedness: Single;  
CC Topology: Linear;  
FH Key  
FT source  
Location/Qualifiers  
1. .20  
/organism="unidentified".  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 288 CTCCTCTGCTGCTTCT 307  
Db 1 CTCCTCTGCTGCTTCT 20

RESULT 533  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL

E49537  
Antisense oligonucleotide regulation of raft gene expression.  
E49537  
E49537.1 GI:18628118  
JP 2000152797-A/27.  
Homo sapiens (human)  
Homo sapiens  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
1 (bases 1 to 20)  
P. M. B. and T. B. R.  
Antisense oligonucleotide regulation of raft gene expression  
Patent: JP 2000152797-A 27 06-JUN-2000;  
ISIS PHARMACEUTICALS INC  
OS Homo sapiens (human)  
PM JP 2000152797-A/27  
PD 06-JUN-2000  
PR 18-JAN-2000 JP 200009654  
PR 31-MAY-1994 US 08/250856  
PI MONIA BURETTO P, BOGGUZZO RUSSSELL T  
PC C12N15/09, A61K31/7088, A61K48/00, A61P17/06, A61P35/00, A61P43/00,  
CC C12N15/00, A  
CC  
FH Key  
FT source  
Location/Qualifiers  
1. .20  
/organism="Homo sapiens (human)".  
Location/Qualifiers  
1. .20  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4155 CCGCTGGCTCTCTGCTCC 4174  
Db 1 CCGCTGGCTCTCTCTCTC 20

RESULT 534  
LOCUS  
LOCUS

I26419 20 bp DNA linear PAT 07-OCT-1996



DEFINITION Sequence 111 from patent US 5558988.  
ACCESSION 126419  
VERSION 126419.1 GI:1606289  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Prockop,D.J., Ala-Kotko,L. and Rittaniemi,P.  
TITLE Primers and methods for detecting mutations in the procollagen II  
JOURNAL gene that indicate a genetic predisposition for osteoarthritis  
FEATURES Patent: US 5558988-A 111 24-SEP-1996;  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4158 CCGTGGCTCTCTCTGCCGAG 4177  
Db 20 GCTGATCTTAATGCCGAGC 1

RESULT 535  
LOCUS 127257 20 bp DNA linear PAT 06-FEB-1997  
DEFINITION Sequence 27 from patent US 5563255.  
ACCESSION 127257  
VERSION 127257.1 GI:1818033  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Monia,B.P. and Bogge,R.T.  
TITLE Antisense oligonucleotide modulation of raf gene expression  
JOURNAL Patent: US 5563255-A 27 08-OCT-1996;  
FEATURES Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4155 CCTGCTGGCTCTCTGCCG 4174  
Db 1 CCTGCTGGCTCTCTCTCTC 20

RESULT 536  
LOCUS AR182853 20 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 25 from patent US 6339068.  
ACCESSION AR182853  
VERSION AR182853.1 GI:20226060  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Krieg,A.M., Davis,H.L., Wu,T. and Schorr,J.  
TITLE Vectors and methods for immunization or therapeutic protocols  
JOURNAL Patent: US 6339068-A 25 15-JAN-2002;  
FEATURES Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 300 TGGTTTCTGTAATGAGGAG 319  
Db 1 TCGTTTCTGTAATGAGGAG 20

RESULT 537  
LOCUS AR212287 20 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 13 from patent US 6399754.  
ACCESSION AR212287  
VERSION AR212287.1 GI:21515821  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cook,P.Dan.  
TITLE Sugar modified oligonucleotides  
JOURNAL Patent: US 6399754-A 13 04-JUN-2002;  
FEATURES Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4155 CCTGCTGGCTCTCTGCCG 4174  
Db 1 CCTGCTGGCTCTCTCTCTC 20

RESULT 538  
LOCUS AR215730 20 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 45 from patent US 6410324.  
ACCESSION AR215730  
VERSION AR215730.1 GI:23313986  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.F. and Watt,A.T.  
TITLE Antisense modulation of tumor necrosis factor receptor 2 expression  
JOURNAL Patent: US 6410324-A 45 25-JUN-2002;  
FEATURES Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4143 CTCCTGGGACCTCTGCTGG 4162  
Db 1 CTCCTGGGACCTCTGCTGG 20

RESULT 539  
LOCUS AR215981 20 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 28 from patent US 6410518.  
ACCESSION AR215981  
VERSION AR215981.1 GI:23314269  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1 (bases 1 to 20)  
AUTHORS

ORGANISM Unknown.  
Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Monia,B.P.  
TITLE Antisense oligonucleotide inhibition of raf gene expression  
JOURNAL Patent: US 6410518-A 28 25-JUN-2002;  
FEATURES  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4155 CCTGCTGCTCTCTCTCC 4174  
DB 1 CCTGCTGCTCTCTCTCTC 20  
/organism="unknown"  
/mol\_type="genomic DNA"

RESULT 540  
AR220167  
LOCUS AR220167 20 bp DNA linear PAT 26-SEP-2002  
DEFINITION Sequence 32 from patent US 6423543.  
ACCESSION AR220167  
VERSION AR220167.1 GI:2324610  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Marcotte,P.A. and Cowser,L.M.  
TITLE Antisense modulation of hepsin expression  
JOURNAL Patent: US 6423543-A 32 23-JUL-2002;  
FEATURES  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3838 TCAGCTCCAGCCCGGTG 3857  
DB 1 TCAGCACCAGTCCCGGAG 20  
/organism="unknown"  
/mol\_type="genomic DNA"

RESULT 541  
AR221378  
LOCUS AR221378 20 bp DNA linear PAT 26-SEP-2002  
DEFINITION Sequence 17 from patent US 6426220.  
ACCESSION AR221378  
VERSION AR221378.1 GI:2328428  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.F. and Cowser,L.M.  
TITLE Antisense modulation of calreticulin expression  
JOURNAL Patent: US 6426220-A 17 30-JUL-2002;  
FEATURES  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 482 GCCGCCAGCCGAGAGGC 501  
DB 1 GCCGCCAGCCGAGAGGC 501  
/organism="unknown"  
/mol\_type="genomic DNA"

DB 1 GACGCCAGGCCGAGAGGC 20  
RESULT 542  
AR226030/c  
LOCUS AR226030 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 93 from patent US 6444465.  
ACCESSION AR226030  
VERSION AR226030.1 GI:27264184  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Wyatt,J. and Freier,S.M.  
TITLE Antisense modulation of Her-1 expression  
JOURNAL Patent: US 6444465-A 93 03-SEP-2002;  
FEATURES  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3833 CCCGTCAGCTCCAGCCC 3852  
DB 20 CCCGTCGCTCTCAGAGAC 1  
/organism="unknown"  
/mol\_type="genomic DNA"

RESULT 543  
AR231421  
LOCUS AR231421 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 13 from patent US 6451991.  
ACCESSION AR231421  
VERSION AR231421.1 GI:27272504  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Martin,P., Altman,K.-H., Cook,P.D. and Monia,B.P.  
TITLE Sugar-modified gapped oligonucleotides  
JOURNAL Patent: US 6451991-A 13 17-SEP-2002;  
FEATURES  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4155 CCTGCTGCTCTCTCTCC 4174  
DB 1 CCTGCTGCTCTCTCTCTC 20  
/organism="unknown"  
/mol\_type="genomic DNA"

RESULT 544  
AR252334/c  
LOCUS AR252334 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 34 from patent US 6476296.  
ACCESSION AR252334  
VERSION AR252334.1 GI:27300229  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Fischer,R.L., Choi,Y. and Hannon,M.  
TITLE Nucleic acids that control seed and fruit development in plants  
JOURNAL Patent: US 6476296-A 34 05-NOV-2002;

FEATURES  
source  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1184 CCGAGCCTCCCATCCCTGG 1203  
DB 20 CCGAGACATCCCATTCCTGG 1

RESULT 545  
LOCUS AR271866/c 20 bp DNA linear PAT 10-APR-2003  
DEFINITION Sequence 110 from patent US 6503754.  
ACCESSION AR271866  
VERSION AR271866.1 GI:29703434  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS Zhang,H. and Wyatt,J.  
TITLE Antisense modulation of B33 interacting domain death agonist expression  
JOURNAL Patent: US 6503754-A 110 07-JAN-2003;  
FEATURES  
source  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 821 GGAGAGAGAGACACAGCG 840  
DB 20 GCAGAGAGAGACACAGCG 1

RESULT 546  
LOCUS AR298631/c 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 10366 from patent US 6537751.  
ACCESSION AR298631  
VERSION AR298631.1 GI:31685915  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 10366 25-MAR-2003;  
FEATURES  
source  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4923 CACAGTTAAGCCAGCCCC 4942  
DB 20 CAGAGTTAAGCCAGTCCCC 1

RESULT 547

AR298873  
LOCUS AR298873 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 10608 from patent US 6537751.  
ACCESSION AR298873  
VERSION AR298873.1 GI:31686157  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 10608 25-MAR-2003;  
FEATURES  
source  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3475 AGGAGTCACAGCCCGATGAC 3494  
DB 1 AGGAGACACAGCCCGAGAC 20

RESULT 548  
LOCUS AR311514 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 2051 from patent US 6559294.  
ACCESSION AR311514  
VERSION AR311514.1 GI:31704940  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 2051 06-MAY-2003;  
FEATURES  
source  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2098 TCAATGAACTCCTTAGGG 2117  
DB 20 TCAATGAAAGCTCCGTAGGG 1

RESULT 549  
LOCUS AR312323 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 2860 from patent US 6559294.  
ACCESSION AR312323  
VERSION AR312323.1 GI:31705749  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 2860 06-MAY-2003;  
FEATURES  
source  
Location/Qualifiers

source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4242 TGCCTGTGAGCTTAGCACC 4261  
|||||  
20 TGCCTGTGAGCTTAGCTCC 1

RESULT 550  
AR337695/c AR337695 20 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 30 from patent US 6566514.  
ACCESSION AR337695  
VERSION AR337695.1 GI:33724263  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Wright,J.A., Young,A.H. and Lee,Y.S.  
TITLE Oligonucleotide sequences complementary to thioxodoxin or thioxodoxin reductase genes and methods of using same to modulate cell growth  
JOURNAL Patent: US 6566514-A 30 20-MAY-2003;  
FEATURES  
source Location/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3796 CGCCGCGCGGACAGAGC 3815  
|||||  
20 CTGCCGCGCGGACAGACAGC 1

RESULT 551  
AR436981/c AR436981 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 33 from patent US 6656732.  
ACCESSION AR436981  
VERSION AR436981.1 GI:40200065  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.F. and Matc,A.T.  
TITLE Antisense inhibition of src-c expression  
JOURNAL Patent: US 6656732-A 33 02-DEC-2003;  
FEATURES  
source Location/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 274 CTCTCTTCTCTCTCTCT 293  
|||||  
20 CTCCCTTCTCTCTCGATCT 1

RESULT 552  
AX103846

LOCUS AX103846 20 bp DNA linear PAT 30-APR-2001  
DEFINITION Sequence 38 from Patent WO0122972.  
ACCESSION AX103846  
VERSION AX103846.1 GI:13920043  
KEYWORDS  
SOURCE Synthetic construct  
ORGANISM Synthetic construct  
REFERENCE 1  
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.  
TITLE Immunostimulatory nucleic acids  
JOURNAL Patent: WO 0122972-A 38 05-APR-2001;  
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical GmbH (DE)  
FEATURES  
source Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376  
|||||  
1 TCCATGACGGTCTCTGAGTCT 20

RESULT 553  
AX103847 20 bp DNA linear PAT 30-APR-2001  
LOCUS AX103847  
DEFINITION Sequence 39 from Patent WO0122972.  
ACCESSION AX103847  
VERSION AX103847.1 GI:13920044  
KEYWORDS  
SOURCE Synthetic construct  
ORGANISM Synthetic construct  
REFERENCE 1  
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.  
TITLE Immunostimulatory nucleic acids  
JOURNAL Patent: WO 0122972-A 39 05-APR-2001;  
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical GmbH (DE)  
FEATURES  
source Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376  
|||||  
1 TCCATGACGGTCTCTGAGTCT 20

RESULT 554  
AX294959/c AX294959 20 bp DNA linear PAT 21-NOV-2001  
LOCUS AX294959/c  
DEFINITION Sequence 6721 from Patent WO0179548.  
ACCESSION AX294959  
VERSION AX294959.1 GI:117056642  
KEYWORDS  
SOURCE Synthetic construct  
ORGANISM Synthetic construct  
REFERENCE 1  
AUTHORS Barany,F., Zilvi,M., Gerry,N.P., Favis,R. and Klman,R.  
TITLE Method of designing addressable array for detection of nucleic acid

JOURNAL  
Patent: WO 0179548-A 6721 25-OCT-2001;  
CORNELL RESEARCH FOUNDATION, INC. (US)

FEATURES  
Source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1966 GGACATCCGATCGTGTG 1985  
Db 20 GGACATCCGATCGTGTG 1

RESULT 555  
AX355526 20 bp DNA linear PAT 06-FEB-2002  
LOCUS  
DEFINITION Sequence 554 from Patent WO0197843.  
ACCESSION AX355526  
VERSION AX355526.1 GI:18620194  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Weiner, G. and Hartmann, G.  
TITLE Methods for enhancing antibody-induced cell lysis and treating  
JOURNAL Patent: WO 0197843-A 554 27-DEC-2001;  
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)  
FEATURES  
Source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic oligonucleotide-chimeric  
phosphorothioate/phosphodiester backbone with  
phosphorothioate at 5' and 3' ends"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1357 TGACGAGGTCCTGAGTCT 1376  
Db 1 TCCATGACGGTCTGAGTCT 20

RESULT 556  
AX488558 20 bp DNA linear PAT 16-AUG-2002  
LOCUS  
DEFINITION Sequence 5858 from Patent WO02053728.  
ACCESSION AX488558  
VERSION AX488558.1 GI:22322638  
KEYWORDS  
SOURCE Candida albicans  
ORGANISM Candida albicans  
REFERENCE 1  
AUTHORS Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;  
TITLE Saccharomycetales; mitosporic Saccharomycetales; Candida.  
JOURNAL Roemer, T., Jiang, B., Boone, C., Bussey, H., and Ohlsen, R.L.  
Gene disruption methodologies for drug target discovery  
Patent: WO 02053728-A 5858 11-JUL-2002;  
Eli Lilly Pharmaceuticals, Inc. (US)  
FEATURES  
Source  
1. .20  
/organism="Candida albicans"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:5476"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4328 TCTTGACTTGGAGCCCA 4347  
Db 1 TCTTGAGCTTTGGAGCCCA 20

RESULT 557  
AX521733 20 bp DNA linear PAT 05-OCT-2002  
LOCUS  
DEFINITION Sequence 21 from Patent WO02057779.  
ACCESSION AX521733  
VERSION AX521733.1 GI:23572780  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Boddeke, E.H. and Biber, K.  
TITLE Cloning and expression of a new mcp receptor in glial cells  
JOURNAL Patent: WO 02057779-A 21 25-JUL-2002;  
Rijksuniversiteit Groningen (NL)  
FEATURES  
Source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer sequence for D6"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1667 GCTTCGACGAGTGAAGA 1686  
Db 20 GCTATGACGAGTGAAGA 1

RESULT 558  
AX546899 20 bp DNA linear PAT 01-MAR-2003  
LOCUS  
DEFINITION Sequence 38 from Patent WO02053141.  
ACCESSION AX546899  
VERSION AX546899.1 GI:25812043  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bratzler, R.L.  
TITLE Inhibition of angiogenesis by nucleic acids  
JOURNAL Patent: WO 02053141-A 38 11-JUL-2002;  
Coley Pharmaceutical Group, Inc. (US)  
FEATURES  
Source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1357 TGACGAGGTCCTGAGTCT 1376  
Db 1 TCCATGACGGTCTGAGTCT 20

RESULT 559  
AX546900 20 bp DNA linear PAT 01-MAR-2003  
LOCUS AX546900  
DEFINITION Sequence 39 from Patent W02053141.  
ACCESSION AX546900  
VERSION AX546900.1 GI:25812044  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bratzler,R.L.  
TITLE Inhibition of angiogenesis by nucleic acids  
JOURNAL Patent: WO 02053141-A 39 11-JUL-2002;  
Coley Pharmaceutical Group, Inc. (US)  
FEATURES  
source location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1357 TGACGAGGCTCTGAGTCT 1376  
Db 1 TCCATGACGCTCTGAGTCT 20

RESULT 560  
AX817807 20 bp DNA linear PAT 10-DEC-2003  
LOCUS AX817807  
DEFINITION Sequence 43 from Patent W02067861.  
ACCESSION AX817807  
VERSION AX817807.1 GI:39723002  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS  
TITLE Oncolytic adenoviral vectors  
JOURNAL Patent: WO 02067861-A 43 06-SEP-2002;  
FEATURES  
source location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Viral vector sequence"

misc\_feature 1..20  
/note="Fig.25. B3a.4 primer sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3925 CGCGCGCGCGCTGCCAGTC 3944  
Db 20 CGCGCGCGCGCTGCCAGTC 1

RESULT 561  
AX937579 20 bp DNA linear PAT 06-JAN-2004  
LOCUS AX937579  
DEFINITION Sequence 59 from Patent EP1361433.  
ACCESSION AX937579  
VERSION AX937579.1 GI:40733619  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Yanai,Y.C., Yamamoto,S.C., Yamamoto,K.C. and Ikegami,H.C.  
TITLE Method for estimating therapeutic efficacy of tumor necrosis factor (TNF)  
JOURNAL Patent: EP 1361433-A 59 12-NOV-2003;  
KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO (JP)  
FEATURES  
source location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide used as primer for PCR detection of p38 mRNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3936 CTGCCAGTCAAGAGCCCGGC 3955  
Db 20 CTGCCAGTCAAGAGCTCGGC 1

RESULT 562  
BD128029 20 bp DNA linear PAT 18-SEP-2002  
LOCUS BD128029  
DEFINITION Primer for synthesizing full-length cDNA and use thereof.  
ACCESSION BD128029  
VERSION BD128029.1 GI:23222974  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Ota,T., Nishikawa,T., Isogai,T., Hayaishi,K., Ishii,S., Kawai,Y.,  
Kakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and  
Koga,H.  
TITLE Primer for synthesizing full-length cDNA and use thereof  
JOURNAL Patent: JP 2002017375-A 3460 22-JAN-2002;  
HELIOS RESEARCH INSTITUTE  
COMMENT OS Unidentified  
PN JP 2002017375-A/3460  
PD 22-JAN-2002  
PF 07-JUL-2000 JP 2000253172  
PI TOSHIO OTA,TERUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO  
PI ISHII,  
PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI  
SHINICHI KOJIMA,  
PI TETSUJI OTSUKI,HISASHI KOGA  
PC C12N15/09,C07K14/47,C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/PC  
10',  
PC C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 CC  
Description of Artificial Sequence: an artificially CC  
synthesized primer  
CC sequence  
FH Key  
FT source location/Qualifiers  
FT 1..20  
/organism="unidentified".  
location/Qualifiers  
1..20  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1640 CTCGAAAAGAGGAGGCT 1659  
Db 1 CCCGAAACAGAGAGGCT 20

RESULT 563  
BD131968/c  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
COMMENT

BD131968 20 bp DNA linear PAT 18-SEP-2002  
Oligonucleotide sequence complementary to thioredoxin gene or  
thioredoxin reductase gene and utilization thereof for controlling  
cell proliferation.  
BD131968  
JP 2002501743-A/30.  
Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
1. (bases 1 to 20)  
Wright, J.A., Young, A.H. and Lee, Y.S.  
Oligonucleotide sequence complementary to thioredoxin gene or  
thioredoxin reductase gene and utilization thereof for controlling  
Patent: JP 2002501743-A 30 22-JAN-2002;  
GENESENSE TECHNOLOGIES INC  
OS Homo sapiens (human)  
PN JP 2002501743-A/30  
PD 22-JAN-2002  
PR 29-JAN-1999 JP 2000529423  
PR 30-JAN-1998 US 60/073196  
PI JIM A WRIGHT, ALPING H YOUNG, YOON S LEE  
PC C12N15/09, A61K31/711, A61K48/00, A61P35/04, C07H21/04//  
PC (A61K31/711, A61K45/00), (A61K48/00, A61K45/00), C12N15/00 CC  
Oligonucleotide sequence complementary to thioredoxin gene or  
thioredoxin  
CC reductase gene and utilization thereof for controlling cell  
CC proliferation  
FH Key Location/Qualifiers  
FT source 1. 20  
/Organism="Homo sapiens (human)".  
Location/Qualifiers  
1. 20  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3796 CGGCCGCGCGGACAGAGC 3815  
DB 20 CTGCCGCGCGGACAGAGC 1

RESULT 564  
HUMT364LA/c  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL

HUMT364LA 20 bp DNA linear STS 29-MAY-2002  
A PCR primer for ABP gene locus STS, location 21q21-22.1, sequence  
tagged site.  
DS0237  
DS0237.1 GI:801864  
STS.  
Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
1. (bases 1 to 20)  
Tanahashi, H., Ito, T., Hattori, M., Ohira, M., Ohki, M., Tashiro, K. and  
Sakaki, Y.  
Sixty new STSs (sequence-tagged sites) of human chromosome 21  
DNA Res. 1 (2), 85-89 (1994)  
MEDLINE 96051984  
PUBMED 7584032  
REFERENCE 2 (bases 1 to 20)  
AUTHORS Sakaki, Y.  
TITLE Direct Submission  
JOURNAL Submitted (28-APR-1995) Yoshiyuki Sakaki, Institute of Medical

Science, University of Tokyo, Human Genome Center; 4-6-1  
Shirokanedai Minato-ku, Tokyo 108, Japan  
(E-mail: sakaki@hgc.ims.u-tokyo.ac.jp, Tel: 03-5449-5362,  
Fax: 03-5449-5445)  
Submitted (28-Apr-1995) to DDBJ by:  
Yoshiyuki Sakaki  
Human Genome Center  
Institute of Medical Science  
University of Tokyo  
4-6-1 Shirokanedai Minato-ku  
Tokyo, 108  
Japan  
Phone: 03-5449-5362  
Fax : 03-5449-5445.

COMMENT  
Submitted (28-Apr-1995) to DDBJ by:  
Yoshiyuki Sakaki  
Human Genome Center  
Institute of Medical Science  
University of Tokyo  
4-6-1 Shirokanedai Minato-ku  
Tokyo, 108  
Japan  
Phone: 03-5449-5362  
Fax : 03-5449-5445.

FEATURES  
source  
1. 20  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"  
/chromosome="21"

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2792 CAGAGCTCAGTGGAGGAAA 2811  
DB 20 CAGAGCTCAGTGGAGGAAA 1

RESULT 565  
A23846  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source

A23846 21 bp DNA linear PAT 02-APR-1995  
Artificial DNA for oligonucleotide primer (ID 15).  
A23846  
A23846.1 GI:904387  
KEYWORDS  
SYNTHETIC CONSTRUCT  
artificial sequences.  
1 (bases 1 to 21)  
NUCLEIC SEQUENCE OF THE GENE ASSOCIATED WITH X-LINKED KALMANN  
SYNDROME, CORRESPONDING PEPTIDE SEQUENCES, DIAGNOSTIC APPLICATIONS  
Patent: WO 9307267-A 15 15-APR-1993;  
Location/Qualifiers  
1. 21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4876 GTGCCAGTTCCTGTGCC 4895  
DB 2 GTGCCAGTTCCTGTGCTC 21

RESULT 566  
A43126/c  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE

A43126 21 bp DNA linear PAT 06-MAR-1997  
Sequence 12 from Patent WO9505481.  
A43126  
A43126.1 GI:2298514  
KEYWORDS  
UNIDENTIFIED  
unclassified.  
1 (bases 1 to 21)  
Cookson, W.O., Hopkin, J.M. and Shirekawa, T.  
DIAGNOSTIC METHOD AND THERAPY

JOURNAL Patent: WO 9505481-A 12 23-FEB-1995;  
 FEATURES ISIS INNOVATION (GB)  
 location/Qualifiers  
 source 1..21  
 /organism="unidentified"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4383 CTCGACGCCGAGTTGAGGG 4402  
 Db 21 CTCGACGCCGAGTTGAGTG 2

RESULT 567  
 LOCUS A92434 21 bp DNA linear PAT 05-NOV-2001  
 DEFINITION Sequence 4 from Patent EP0839917.  
 ACCESSION A92434  
 VERSION A92434.1 GI:6741166  
 KEYWORDS  
 SOURCE unidentified  
 ORGANISM unidentified

REFERENCE 1  
 AUTHORS Kasper, P.  
 TITLE Primer and probes for the detection of HIV  
 JOURNAL Patent: EP 0839917-A 4 06-MAY-1998;  
 Roche Diagnostics GmbH (DE)  
 location/Qualifiers  
 source 1..21  
 /organism="unidentified"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2616 CCTGCTTTGCCACATTGA 2635  
 Db 21 CCTGCTTTGCCACATTGA 2

RESULT 568  
 LOCUS AR011670 21 bp DNA linear PAT 04-DEC-1998  
 DEFINITION Sequence 15 from patent US 5763166.  
 ACCESSION AR011670  
 VERSION AR011670.1 GI:3969660  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)  
 AUTHORS Petit, C., Claverie, J.-M., Levlilliers, J., Legouis, R., Hardelin, J.-P.  
 TITLE Gene associated with X linked Kallmann syndrome and diagnostic applications therefrom  
 JOURNAL Patent: US 5763166-A 15 09-JUN-1998;  
 location/Qualifiers  
 source 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4876 GTGCCAGGTTCCCTGTGCC 4895

Db 2 GTGCACATGTTCCCTGTGCTC 21

RESULT 569  
 LOCUS AR014612 21 bp DNA linear PAT 05-DEC-1998  
 DEFINITION Sequence 45 from patent US 5773691.  
 ACCESSION AR014612  
 VERSION AR014612.1 GI:3972066  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)  
 AUTHORS Falco, S. Carl., Keeler, S. Jo., and Rice, J. Ann.  
 TITLE Chimeric genes and methods for increasing the lysine and threonine content of the seeds of plants  
 JOURNAL Patent: US 5773691-A 45 30-JUN-1998;  
 location/Qualifiers  
 source 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2800 AGGAGAGAGAAATGAGAA 2819  
 Db 2 ATGAGAGAGAGATGAGAA 21

RESULT 570  
 LOCUS AR086017 21 bp DNA linear PAT 07-SEP-2000  
 DEFINITION Sequence 4 from patent US 5985544.  
 ACCESSION AR086017  
 VERSION AR086017.1 GI:10012783  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)  
 AUTHORS Kasper, P.  
 TITLE Primers and probes for the detection of HIV  
 JOURNAL Patent: US 5985544-A 4 16-NOV-1999;  
 location/Qualifiers  
 source 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2616 CCTGCTTTGCCACATTGA 2635  
 Db 21 CCTGCTTTGCCACATTGA 2

RESULT 571  
 LOCUS AR096547 21 bp DNA linear PAT 08-SEP-2000  
 DEFINITION Sequence 30 from patent US 6008029.  
 ACCESSION AR096547  
 VERSION AR096547.1 GI:10025447  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)  
 AUTHORS Yaver, D. Sue., Brown, K.M., Kauppinen, S. and Halkier, T.



TITLE Purified coprinus laccases and nucleic acids encoding the same  
JOURNAL Patent: US 6009829-A 30 28-DEC-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3097 AGCTCTATGACTTGTGTGAG 3116  
|||||  
1 AGCTCGATGACTTGTGTACG 20

RESULT 572  
ARI40083 21 bp DNA linear PAT 16-JUN-2001  
LOCUS Sequence 30 from patent US 6207430.  
ACCESSION ARI40083  
VERSION ARI40083.1 GI:14482579  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Yaver,D.Sue., Brown,K.M., Kauppinen,S. and Halkier,T.  
TITLE Nucleic acids encoding polypeptides having laccase activity  
JOURNAL Patent: US 6207430-A 30 27-MAR-2001;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3097 AGCTCTATGACTTGTGTGAG 3116  
|||||  
1 AGCTCGATGACTTGTGTACG 20

RESULT 573  
ARI56661 21 bp DNA linear PAT 08-AUG-2001  
LOCUS ARI56661  
DEFINITION Sequence 30 from patent US 6242232.  
ACCESSION ARI56661  
VERSION ARI56661.1 GI:15125365  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Yaver,D.Sue., Brown,K.M., Kauppinen,S. and Halkier,T.  
TITLE Purified Coprinus laccases and nucleic acids encoding same  
JOURNAL Patent: US 6242232-A 30 05-JUN-2001;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3097 AGCTCTATGACTTGTGTGAG 3116  
|||||  
1 AGCTCGATGACTTGTGTACG 20

RESULT 574

ARI5671/c 21 bp DNA linear PAT 17-DEC-2001  
LOCUS ARI5671  
DEFINITION Sequence 71 from patent US 6309853.  
ACCESSION ARI5671  
VERSION ARI5671.1 GI:17916970  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Friedman,J.M., Zhang,Y. and Proenca,R.  
TITLE Modulators of body weight, corresponding nucleic acids and  
proteins, and diagnostic and therapeutic uses thereof  
JOURNAL Patent: US 6309853-A 71 30-OCT-2001;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3581 CCTGAGTTCCTCCCTTACG 3600  
|||||  
1 CCTGAGTTCCTCCCTTACG 2

RESULT 575  
BD186042 21 bp DNA linear PAT 17-JUN-2003  
LOCUS BD186042  
DEFINITION Methods of testing therapeutic or preventive agents for  
hyperlipidemia.  
ACCESSION BD186042  
VERSION BD186042.1 GI:31878242  
KEYWORDS WO 02101039-A/19.  
SOURCE Rattus norvegicus (Norway rat)  
ORGANISM Rattus norvegicus

REFERENCE 1 (bases 1 to 21)  
AUTHORS Koshi,R., Ando,Y., Ono,M., Yasuno,H., Shimizugawa,T., Yoshida,K.,  
Shimamura,M. and Furukawa,H.  
TITLE Methods of testing therapeutic or preventive agents for  
JOURNAL Patent: WO 02101039-A 19 19-DEC-2002;  
SANKYO CO LTD, RYUZA KOISHI, YOSUKE ANDO, MITSURU ONO, HIROAKI YASUMO,  
TETSUYA SHIMIZUGAWA, KENICHI YOSHIDA, MITSURU SHIMAMURA, HIDEHIKO  
FURUKAWA  
PI Rattus norvegicus (rat)  
OS Rattus norvegicus (rat)  
PN WO 02101039-A/19  
PD 19-DEC-2002  
PR 07-JUN-2002 WO 2002JP005657  
PR 08-JUN-2001 JP 01P 173758, 13-JUN-2001 JP 01P 178548 PR  
13-JUL-2001 JP 01P 213334, 28-SEP-2001 JP 01P 300715 PR  
28-SEP-2001 JP 01P 300716, 22-NOV-2001 JP 01P 357037 PR  
18-DEC-2001 JP 01P 384103, 05-APR-2002 JP 02P 103583 PI  
KOISHI, YOSUKE ANDO, MITSURU ONO, HIROAKI YASUMO, TETSUYA  
SHIMIZUGAWA,  
PI KENICHI YOSHIDA, MITSURU SHIMAMURA, HIDEHIKO FURUKAWA PC  
C12N15/09, C12N15/12, C07K14/47, C07K16/08, C12P21/08, C12Q1/02, PC  
C12Q1/68,  
PC C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12P21/02, G01N33/15, G01N33/PC  
33

CC Methods of testing therapeutic or preventive agents for CC  
hyperlipidemia  
FH Key Location/Qualifiers  
FT source 1..21  
/organism="Rattus norvegicus (rat)"  
/organism="Rattus norvegicus"

FEATURES  
source 1..21  
/organism="Rattus norvegicus"

/mol\_type="genomic DNA"  
/db\_xref="taxon:10116"

Query Match 0.3%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 7.6e+02; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 733 GGTTCCTTACCAAGCTGAC 752

|||||

1 GGTTCGACCAAGCTGCTC 20

RESULT 576

LOCUS

CO753214

Sequence 41 from Patent WO2004001032. 21 bp DNA linear PAT 01-MAR-2004

DEFINITION

CO753214

ACCESSION

CO753214.1 GI:44844690

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer Ad35Rbpromrev"

Query Match 0.3%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 7.6e+02; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 TGACTGCCAGCTCTGTGAG 926

|||||

2 TGAAGCCAGCTCTATGAG 21

RESULT 577

LOCUS

CO797881/c

Sequence 26 from Patent WO2004029289. 21 bp DNA linear PAT 20-APR-2004

DEFINITION

CO797881

ACCESSION

CO797881.1 GI:46426378

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Artificial Sequence Type: Probe for HLA-A  
Allele-Sequence attaches to BSA at Position 1 on 5' end"

Query Match 0.3%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 7.6e+02; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2728 TGAAGCCAGTCCAGACC 2747

|||||

20 TGAAGCCAGTCCAGACC 1

RESULT 578

LOCUS

CO799908

Sequence 6 from Patent WO2004030660. 21 bp DNA linear PAT 28-APR-2004

DEFINITION

CO799908

ACCESSION

CO799908.1 GI:46848855

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. .21  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 7.6e+02; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3365 GCTGGGCGCTCGAGGAG 3384

|||||

2 GCTGGGCGCCCGCAGAGCG 21

RESULT 579

LOCUS

E04604/c

Sequence 21 bp DNA linear PAT 29-SEP-1997

DEFINITION

E04604

ACCESSION

E04604.1 GI:2127805

VERSION

JP 1991262499-A/2

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

1 (bases 1 to 21)  
KIMURA, S.  
DETECTION OF POLYNUCLEOTIDE AND PCR REACTING DEVICE  
Patent: JP 1991262499-A 2 22-NOV-1991;  
KOSUMITSUKU:KK  
OS Artificial gene  
OC Artificial sequence; Genes.  
PN JP 1991262499-A/2  
PD 22-NOV-1991  
PP 12-MAR-1990 JP 1990058153  
PI KIMURA SHIRO  
PC C12Q1/68, C12M1/00;  
CC strandedness: Single;  
topology: linear.

1. .21  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 7.6e+02; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1533 AAGAAATCCTGAGCTCAT 1552

|||||

20 AGGAGAGCCTGAGCTCAT 1

RESULT 580

E26928  
LOCUS E26928 21 bp DNA linear PAT 18-JUN-2001  
DEFINITION Vascular endothelial cell growth factor.  
ACCESSION E26928  
VERSION E26928.1 GI:13026348  
KEYWORDS JP 1999169183-A/8.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hiroshi,M., Sunil,C.K., Takashi,S., Renu,W. and Hideo,S.  
TITLE Vascular endothelial cell growth factor  
JOURNAL Patent: JP 1999169183-A 8 29-JUN-1999;  
AGENCY OF IND SCIENCE & TECHNOL,TOAGOSEI CHEM IND CO LTD  
COMMENT OS Unidentified  
PN JP 1999169183-A/8  
PD 29-JUN-1999  
PF 11-DEC-1997 JP 1997362118  
PR  
PI HIROSHI MITSUI,SUNIL C KAVURU,TAKASHI SUGIHARA,RENU WADAWA, PI  
HIDEO SUZUKI  
PC C12N15/09,A61K38/22,A61K38/22,A61K38/22,A61K38/22,  
PC C07K14/52,  
PC C12N1/21,C12N5/10,C12P21/02/(C12N1/21,C12R1.19),(C12N5/10,PC  
C12R1.91),  
PC (C12P21/02,C12R1.19),(C12P21/02,C12R1.91),C12N15/00,A61K37/24,  
PC A61K37/24,A61K37/24,A61K37/24,C12N5/00,(C12N5/00,C12R1.91) CC  
Strandedness: Single;  
CC Topology: linear;  
FH Key. Location/Qualifiers  
FT source 1..21  
FT /organism='Unidentified'.  
FEATURES  
source 1..21  
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/db\_xref='taxon:32644'

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3238 TCATCAACCCCACTACATG 3257  
DB 2 TCATTGACCTCACTACATG 21

RESULT 581  
E30018/c  
LOCUS E30018 21 bp DNA linear PAT 18-JUN-2001  
DEFINITION Primer and probe for detecting HIV.  
ACCESSION E30018  
VERSION E30018.1 GI:13021396  
KEYWORDS JP 1999290099-A/4.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Kasper,P.  
TITLE Primer and probe for detecting HIV  
JOURNAL Patent: JP 1999290099-A 4 26-OCT-1999;  
BOEHRINGER MANNHEIM GMBH  
COMMENT OS Unidentified  
PN JP 1999290099-A/4  
PD 26-OCT-1999  
PF 14-APR-1998 JP 1998102671  
PR  
PI KASPER PIA  
PC C12Q1/68,C12N15/09,G01N33/50,G01N33/569/(C12N15/09,C12R1.92),  
PC C12N15/00,C12R1/92  
CC Strandedness: Single;

CC Topology: linear;  
FH Key Location/Qualifiers  
FT source 1..21  
FT /organism='Unidentified'.  
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Location/Qualifiers  
/organism='unidentified'  
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Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2616 CCTGCTTTGGCCACATTTGA 2635  
DB 21 CCCCTGCTTTGGCCACATTTGA 2

RESULT 582  
I14059/c  
LOCUS I14059 21 bp DNA linear PAT 26-SEP-1995  
DEFINITION Sequence 8 from patent US 5444167.  
ACCESSION I14059  
VERSION I14059.1 GI:996482  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Petersson,K.S.I.  
TITLE Variant luteinizing hormone encoding DNA  
JOURNAL Patent: US 5444167-A 8 22-AUG-1995;  
FEATURES  
source 1..21  
Location/Qualifiers  
/organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5076 TCTCTGTCGCTTCAGCTCT 5095  
DB 21 TCCCTGTCGCTTCAGCTCT 2

RESULT 583  
I26735  
LOCUS I26735 21 bp DNA linear PAT 07-OCT-1996  
DEFINITION Sequence 23 from patent US 5559223.  
ACCESSION I26735  
VERSION I26735.1 GI:1606605  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Falco,S.C., Keeleer,S.J. and Rice,J.A.  
TITLE Synthetic storage proteins with defined structure containing  
JOURNAL programable levels of essential amino acids for improvement of the  
nutritional value of plants  
Patent: US 5559223-A 23 24-SEP-1996;  
FEATURES  
source 1..21  
Location/Qualifiers  
/organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2800 AGGAGGAGGAATGAGGAA 2819

Db 2 ATGAGAGAGAAGATGAAGAA 21

RESULT 584  
LOCUS AR195247 21 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 71 from patent US 6350730.  
ACCESSION AR195247  
VERSION AR195247.1 GI:20244684  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Friedman, J.M., Zhang, Y. and Proenca, R.  
TITLE OB polypeptides and modified forms as modulators of body weight  
JOURNAL Patent: US 6350730-A 71 26-FEB-2002;  
FEATURES  
SOURCE 1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3581 CCTGAGTTCCTTCCTTAAGC 3600  
Db 21 CCAGAGTTCCTTCCTTAAC 2

RESULT 585  
LOCUS AR222329 21 bp DNA linear PAT 26-SEP-2002  
DEFINITION Sequence 71 from patent US 6429290.  
ACCESSION AR222329  
VERSION AR222329.1 GI:23329814  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Friedman, J.M., Zhang, Y. and Proenca, R.  
TITLE OB polypeptides, modified forms and derivatives  
JOURNAL Patent: US 6429290-A 71 06-AUG-2002;  
FEATURES  
SOURCE 1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3581 CCTGAGTTCCTTCCTTAAGC 3600  
Db 21 CCAGAGTTCCTTCCTTAAC 2

RESULT 586  
LOCUS AR235414 21 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 45 from patent US 6459019.  
ACCESSION AR235414  
VERSION AR235414.1 GI:27278555  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Falco, S.C., Keeler, S.J. and Rice, J.A.  
TITLE Chimeric genes and methods for increasing the lysine and threonine

JOURNAL content of the seeds of plants  
Patent: US 6459019-A 45 01-OCT-2002;  
FEATURES  
SOURCE 1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2800 AGGAGGAGAAATGAAGAA 2819  
Db 2 ATGAGAGAGAAGATGAAGAA 21

RESULT 587  
LOCUS AR241448 21 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 71 from patent US 6471956.  
ACCESSION AR241448  
VERSION AR241448.1 GI:27267138  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Friedman, J.M., Zhang, Y. and Proenca, R.  
TITLE OB polypeptides, modified forms and compositions thereo  
JOURNAL Patent: US 6471956-A 71 29-OCT-2002;  
FEATURES  
SOURCE 1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3581 CCTGAGTTCCTTCCTTAAGC 3600  
Db 21 CCAGAGTTCCTTCCTTAAC 2

RESULT 588  
LOCUS AX020522 21 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 22 from Patent WO9334016.  
ACCESSION AX020522  
VERSION AX020522.1 GI:10044212  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens

REFERENCE 1  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
TITLE Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
JOURNAL A method for identifying and characterizing cells and tissues  
Patent: WO 9334016-A 22 08-JUL-1999;  
FEATURES  
SOURCE 1. .21  
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/db\_xref="taxon:9606"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3238 TCATCAACCCCACTACATG 3257  
Db 2 TCATTGACCTCACTACATG 21

RESULT 589  
AX020670  
LOCUS AX020670 21 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 170 from Patent WO934016.  
ACCESSION AX020670  
VERSION AX020670.1 GI:10044367  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE  
1  
AUTHORS Vider, B.Z.  
TITLE A method for identifying and characterizing cells and tissues  
JOURNAL Patent: WO 934016-A 170 08-JUL-1999;  
GENEVA LTD (IL); VIDER BEN ZION (IL)  
FEATURES  
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Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3676 TGTGCCCAGCATGCTGCTC 3695  
DB 2 TGTGCTCAGCATGCTGCTC 21

RESULT 590  
AX643246/c  
LOCUS AX643246 21 bp DNA linear PAT 24-FEB-2003  
DEFINITION Sequence 112 from Patent WO02099099.  
ACCESSION AX643246  
VERSION AX643246.1 GI:28550442  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE  
1  
AUTHORS Penger, A., Sprenger, R. and Brinkmann, U.  
TITLE Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8  
JOURNAL Patent: WO 02099099-A 112 12-DEC-2002;  
Epidaurus Biotechnologie AG (DE)  
FEATURES  
source 1..21  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4412 AGATAATATATATATATA 4431  
DB 21 ACATATATATATATATATA 2

RESULT 591  
AX643249  
LOCUS AX643249 21 bp DNA linear PAT 24-FEB-2003  
DEFINITION Sequence 115 from Patent WO02099099.  
ACCESSION AX643249  
VERSION AX643249.1 GI:28550446  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct

REFERENCE  
1  
AUTHORS Penger, A., Sprenger, R. and Brinkmann, U.  
TITLE Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8  
JOURNAL Patent: WO 02099099-A 115 12-DEC-2002;  
Epidaurus Biotechnologie AG (DE)  
FEATURES  
source 1..21  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4412 AGATAATATATATATATA 4431  
DB 1 ACATATATATATATATATA 20

RESULT 592  
AX787127/c  
LOCUS AX787127 21 bp DNA linear PAT 17-JUL-2003  
DEFINITION Sequence 38 from Patent WO03018625.  
ACCESSION AX787127  
VERSION AX787127.1 GI:32954333  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE  
1  
AUTHORS Mach, B. and Conrad, B.  
TITLE Allelic variants of HERV-K18, method for the analysis thereof and  
JOURNAL use in the determination of genetic predisposition for disorders  
PATENT: WO 03018625-A 38 06-MAR-2003;  
NovImmune S.A. (CH)  
FEATURES  
source 1..21  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="oligonucleotide primer"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4768 AGGATCTACCTGCTTCTC 4787  
DB 21 AGGATCTACATGCTTCTC 2

RESULT 593  
AX959015  
LOCUS AX959015 21 bp DNA linear PAT 14-JAN-2004  
DEFINITION Sequence 24 from Patent WO03100091.  
ACCESSION AX959015  
VERSION AX959015.1 GI:40879765  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE  
1  
AUTHORS Brockmeier, H.J.  
TITLE Means and methods for improved treatment using setrones  
JOURNAL Patent: WO 03100091-A 24 04-DEC-2003;  
Epidaurus Biotechnologie AG (DE)  
FEATURES  
source 1..21  
Location/Qualifiers

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1264  TTCCTGTGAGGCCATCCC 1283
DB      1  TTCCTGTGAGGCCATCCC 20

RESULT 594
BD010404 21 bp DNA linear PAT 09-JAN-2004
DEFINITION Chimeric genes and methods for increasing the lysine content of the
            seeds of plants.
ACCESSION  BD010404
VERSION    BD010404.1 GI:18638777
KEYWORDS  JP 2001502923-A/36.
SOURCE    unidentified
ORGANISM  unidentified
REFERENCE  1 (bases 1 to 21)
AUTHORS   Falco,S.C., Ill,R.E.M. and Epelbaum,S.U.
TITLE     Chimeric genes and methods for increasing the lysine content of the
            seeds of plants
JOURNAL   Patent: JP 2001502923-A 36 06-MAR-2001;
COMMENT   E1 DU POINT DE MEMOIRS AND CO
OS        Unidentified
PN        JP 2001502923-A/36
PD        06-MAR-2001
PF        27-MAR-1998 JP 1998543284
PR        27-MAR-1997 US 08/824627
PI        SAVERIO CARL FALCO,RAYMOND ERVIN MCDEVITT III, PI SABINE
UNSUBA    BELBAUM
PC        C12N9/06,C12N9/12,C12N9/88,C12P13/08,C12N15/82 CC
Strandedness: Single;
CC        Topology: linear;
FH        Key Location/Qualifiers
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            /mol_type='unassigned DNA'
            /db_xref='taxon:32644'

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            /mol_type="unassigned DNA"
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Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2800  AGGAGGAGAAATGAAGAA 2819
DB      2  ATGAGGAGAGAAATGAAGAA 21

RESULT 595
BD014814/c 21 bp DNA linear PAT 27-AUG-2002
DEFINITION Modulator of weight, corresponding nucleic acid and protein, and
            diagnosis and remedy utilization thereof.
ACCESSION  BD014814
VERSION    BD014814.1 GI:22555621
KEYWORDS  JP 2001157591-A/55.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
REFERENCE  1 (bases 1 to 21)
AUTHORS   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
            Friedman,J.M., Zhang,Y., Proenca,R., Maffei,M., Halaas,J.L.,
            Kajiwara,K. and Burley,S.K.

FEATURES
source 1..21

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TITLE      Modulator of weight, corresponding nucleic acid and protein, and
JOURNAL    diagnosis and remedy utilization thereof
            Patent: JP 2001157591-A 55 12-JUN-2001;
            THE ROCKEFELLER UNIVERSITY
COMMENT    OS Homo sapiens (human)
            PN JP 2001157591-A/55
            PD 12-JUN-2001
            PF 29-SEP-2000 JP 2000301496
            PR 30-NOV-1994 US 08/347563,10-MAY-1995 US 08/438431 PR
            07-JUN-1995 US 08/483211
            PI JEFFERY M FRIEDMAN,YIYING ZHANG,RICARDO PROENCA,MARGHERITA PI
            MAFFEI
            PC A61P3/06,A61P3/10,A61P9/12,C07K16/47,C07K16/18,C12N1/19,C12N1/
            A61P3/04,
            PC A61P3/06,A61P3/10,A61P9/12,C07K16/47,C07K16/18,C12N1/19,C12N1/
            PC 21,C12N5/10,C12P21/02,C12P21/08,C1201/68//C12N1/19,C12R1/72, PC
            (C12N1/19,C12R1/85),(C12N1/21,C12R1/19),(C12N1/19,C12R1/07), PC
            (C12P21/02,C12R1/465),(C12N1/21,C12R1/38),(C12N5/10,C12R1/91), PC
            (C12P21/02,C12R1/19),(C12N15/00,A61K37/02,C12N5/00,C12N5/00, PC
            (C12N5/00,C12R1/91)
            CC Strandedness: Single;
            CC Topology: linear;
            CC PCR primer SWS2619 specific in sequence tag site FH Key
            Location/Qualifiers
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            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

FEATURES
source 1..21
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            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3581  CCTGAGTTCCTTCCCTACG 3600
DB      21  CCAGAGTTCCTTCCCTTAC 2

RESULT 596
BD056573 21 bp DNA linear PAT 27-AUG-2002
LOCUS     BD056573
DEFINITION Method to diagnose and treat pathological conditions resulting from
            deficient ion transport.
ACCESSION  BD056573
VERSION    BD056573.1 GI:22602179
KEYWORDS  JP 2001508291-A/30.
SOURCE    synthetic construct
ORGANISM  artificial sequences.
REFERENCE  1 (bases 1 to 21)
AUTHORS   Lifton,R.P. and Simon,D.B.
TITLE     Method to diagnose and treat pathological conditions resulting from
            deficient ion transport
JOURNAL   Patent: JP 2001508291-A 30 26-JUN-2001;
            YALE UNIVERSITY
COMMENT   OS Artificial Sequence
            PN JP 2001508291-A/30
            PD 26-JUN-2001
            PF 19-DEC-1997 JP 1998530123
            PR 31-DEC-1996 US 08/778052
            PI RICHARD P LIFTON,DAVID B SIMON
            PC C12N5/10,
            PC C12P21/02,C12Q1/68,G01N33/53,C12N15/00,C12N5/00 CC Primer
            for analysis of human TSC gene
            FH Key Location/Qualifiers
            FT        source 1..21

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/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3473 ACAGAGTCACAGCCCTGTG 3492  
DB 2 ACAGAGGCACAGCCCTGTG 21  
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RESULT 597  
BD095542  
LOCUS BD095542 21 bp DNA linear PAT 27-AUG-2002  
DEFINITION A novel human RNA helicase, Helicain.  
ACCESSION BD095542.1 GI:22641130  
VERSION BD095542.1 GI:22641130  
KEYWORDS WO 0144470-A/4.  
SOURCE synthetic construct  
ORGANISM artificial construct  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Sugihara,T. and Wadhwa,R.  
TITLE A novel human RNA helicase, Helicain  
JOURNAL Patent: WO 0144470-A 4 21-JUN-2001;  
CHUGAI RESEARCH INSTITUTE FOR MOLECULAR MEDICINE INC, TAKASHI  
SUGIHARA, RENU WADHWA  
OS Artificial Sequence  
PN WO 0144470-A/4  
PD 21-JUN-2001  
PF 15-DEC-2000 WO 2000JP008908  
PR 16-DEC-1999 JP 99P 357406  
PI TAKASHI SUGIHARA, RENU WADHWA  
PC C12N15/12, C12N1/21, C12N9/00, C07K14/47, C12P21/02, C12Q1/68, PC  
G01N33/15,  
PC G01N33/50, G01N33/53, G01N33/566, G01N33/574, G01N33/577, A61K31/  
PC 711, A61K38/43,  
PC A61K39/395, A61K45/00, A61K48/00  
CC Description of Artificial Sequence: Artificially Synthesized  
CC Primer  
CC Sequence  
FH Key Location/Qualifiers  
FT source 1..21  
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FEATURES  
source 1..21  
Location/Qualifiers  
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/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3238 TCATCAACCCCACTACATG 3257  
DB 2 TCATTGACCTCACTACATG 21  
|||||

RESULT 598  
BD142388  
LOCUS BD142388 21 bp DNA linear PAT 18-SEP-2002  
DEFINITION Method of screening antitumor drug by using interaction between ARF  
protein and HK33 protein.  
ACCESSION BD142388.1 GI:23237333  
VERSION BD142388.1 GI:23237333  
KEYWORDS WO 0230770-A/3.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 21)

AUTHORS Sugihara,T., Wadhwa,R. and Kaul,S.C.  
TITLE Method of screening antitumor drug by using interaction between ARF  
protein and HK33 protein  
JOURNAL Patent: WO 0220770-A 3 14-MAR-2002;  
CHUGAI RESEARCH INSTITUTE FOR MOLECULAR MEDICINE INC, NATIONAL  
INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, TAKASHI  
SUGIHARA, RENU WADHWA, SUNIL C KAUL  
OS Artificial Sequence  
PN WO 0220770-A/3  
PD 14-MAR-2002  
PF 06-SEP-2001 WO 2001JP007732  
PR 08-SEP-2000 JP 00P 274209  
PI TAKASHI SUGIHARA, RENU WADHWA, SUNIL C KAUL  
PC C12N15/09, A61K45/00, A61P35/00, C12N5/10, C12Q1/68, G01N33/15, PC  
G01N33/50,  
PC G01N33/53, G01N33/566, G01N33/68  
CC Description of Artificial Sequence: artificially synthesized  
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FH Key Sequence  
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FT Location/Qualifiers  
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Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3238 TCATCAACCCCACTACATG 3257  
DB 2 TCATTGACCTCACTACATG 21  
|||||

RESULT 599  
BD143000  
LOCUS BD143000 21 bp DNA linear PAT 17-JAN-2003  
DEFINITION Method of assaying human ABC transporter and probe and kit  
therefor.  
ACCESSION BD143000.1 GI:27848758  
VERSION BD143000.1 GI:27848758  
KEYWORDS JP 2002112775-A/71.  
SOURCE unidentified  
ORGANISM unclassified  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Nishimura,M., Yaguchi,H., Naito,S. and Hiraoka,I.  
TITLE Method of assaying human ABC transporter and probe and kit therefor  
JOURNAL Patent: JP 2002112775-A 71 16-APR-2002;  
OTSUKA PHARMACEUTICAL FACTORY INC  
OS human ABCB1 Gene  
PN JP 2002112775-A/71  
PD 16-APR-2002  
PF 03-OCT-2000 JP 2000303404  
PI MASUHIRO NISHIMURA, HIROSHI YAGUCHI, SHINSAKU NAITO, ISAO HIRAOKA  
PC C12N15/09, C12Q1/68, C12N15/00  
CC Method of assaying human ABC transporter and probe and kit  
therefor  
FH Key Location/Qualifiers  
FT source 1..21  
FT /organism='human ABCB1 gene'.  
FEATURES  
source 1..21  
Location/Qualifiers  
1..21  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3682 CCAGCATGCTGCTCACCAG 3701  
 |||||  
 Db 1 CCAACATGCTGCACATCAAA 20

RESULT 600  
 LOCUS BD161966  
 DEFINITION 21 bp DNA linear PAT 17-JAN-2003  
 Species proteome mRNA and kit container used therefor.

ACCESSION BD161966  
 VERSION BD161966.1 GI:27867724  
 KEYWORDS JP 2002181818-A/17.  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.

REFERENCE 1 (bases 1 to 21)  
 Nishimura, M., Yaguchi, H., Naito, S. and Hiraoka, I.  
 Simultaneous assay method of a plurality of different molecular  
 species proteins mRNA and kit container used therefor  
 Patent: JP 2002181818-A 17 26-JUN-2002;  
 OTSUKA PHARMACEUTICAL FACTORY INC

COMMENT OS Human ABCB1 gene  
 PN JP 2002181818-A/17  
 PD 26-JUN-2002  
 PF 15-DEC-2000 JP 2000381621  
 PI MASHIRO NISHIMURA, HIROSHI YAGUCHI, SHINSAKU NAITO, ISAO HIRAOKA  
 PC G01N33/53, C12N15/09, C12O1/48, C12O1/68, G01N33/566, C12N15/00 CC  
 Simultaneous assay method of a plurality of different CC  
 molecular species  
 CC proteins mRNA and kit container used therefor FH Key  
 location/Qualifiers  
 FT source 1..21  
 /organism="Human ABCB1 gene".  
 Location/Qualifiers  
 1..21  
 /organism="unidentified"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3682 CCAGCATGCTGCTCACCAG 3701  
 |||||  
 Db 1 CCAACATGCTGCACATCAAA 20

RESULT 601  
 LOCUS MUSTCGXAW/c  
 DEFINITION 21 bp mRNA linear ROD 29-OCT-1994  
 Mouse T-cell receptor active gamma-chain V-gamma-4-J-gamma-1 mRNA,  
 clone 714-14.

ACCESSION M55941  
 VERSION M55941.1 GI:201596  
 KEYWORDS J-region; T cell receptor gamma-chain; V-region; processed gene.  
 SOURCE Mus musculus (house mouse)  
 ORGANISM Mus musculus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.  
 1 (bases 1 to 21)  
 Sim, G.K. and Augustin, A.  
 Extrathymic positive selection of gamma delta T cells. V gamma 4J  
 gamma 1 rearrangements with 'GxYS' junctions  
 J. Immunol. 146 (7), 2439-2445 (1991)

JOURNAL U. Immunol. 146 (7), 2439-2445 (1991)  
 MEDLINE 91170805  
 PUBMED 1848583

COMMENT Original source text: Mouse, CDNA to mRNA.  
 location/Qualifiers  
 1..21  
 /organism="Mus musculus"  
 /mol\_type="mRNA"

FEATURES  
 source

CDs  
 /strain="C57BL/6"  
 /db\_xref="taxon:10090"  
 /cell\_type="resident pulmonary lymphocyte"  
 <1..21  
 /codon\_start=1  
 /product="T cell receptor gamma chain"  
 /protein\_id="AAAS1204.1"  
 /db\_xref="GI:201597"  
 /translation="CSYSGSG"  
 <1..9  
 /note="V-gamma-4"  
 14..21  
 /note="J-gamma-1"

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.0%; Pred. No. 7.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 810 CCTGTCCCGCTGGAGAG 829  
 |||||  
 Db 20 CCTGAGCCGCTGGAGAG 1

RESULT 602  
 LOCUS DOG651A01/c  
 DEFINITION 22 bp DNA linear MM 11-MAR-1996  
 Dog primer for STS 651, 5' end.

ACCESSION L31888  
 VERSION L31888.1 GI:472339  
 KEYWORDS PCR identification; PCR primer; STS.  
 SEGMENT 1 of 2  
 SOURCE Canis familiaris (dog)  
 ORGANISM Canis familiaris  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.  
 1 (bases 1 to 22)  
 Ostrander, E.A., Mapa, F.A., Yee, M. and Rine, J.  
 One hundred and one new simple sequence repeat-based markers for  
 the canine genome  
 Mamm. Genome 6 (3), 192-195 (1995)  
 JOURNAL Mamm. Genome 6 (3), 192-195 (1995)  
 MEDLINE 95268214  
 PUBMED 7749226

COMMENT Original source text: Canis familiaris (library: E. Ostrander, in  
 pbluescript+) adult spleen DNA.  
 Submitted by:  
 Fred Hutchinson Cancer Research Center  
 Transplantation Biology Dept  
 1124 Columbia; Mailstop M318  
 Seattle, WA 98104, USA  
 e-mail: eostreand@fred.hncrc.org  
 PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)  
 Annealing: 55 or 59 degrees C for 0.45 minutes  
 Polymerization: 74 degrees C for 1.00 minutes  
 PCR Cycles: 33  
 Final Extension: 74 degrees C for 5.00 minutes.  
 Location/Qualifiers  
 1..22  
 /organism="Canis familiaris"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:9615"  
 /cissue\_type="spleen"  
 /dev\_stage="adult"  
 /cissue\_1lb="E. Ostrander, in pbluescript+"  
 primer\_bind 1..22

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
 Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1880 TGAAGAGAGTGGCTGAGA 1899  
 |||||  
 Db 22 TGAAGAGAGAGATGAGA 3



RESULT 603  
LOCUS A25863 22 bp DNA linear PAT 06-OCT-1995  
DEFINITION Synthetic truncated soluble KL M7 3' primer.  
ACCESSION A25863  
VERSION A25863.1 GI:1248116  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
JOURNAL  
FEATURES  
Source  
1. .22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2444 TTTTGAGAGACTGACTGG 2463  
Db 3 TTTTGAGACTGACTCTGG 22

RESULT 604  
LOCUS BD230297 22 bp DNA linear PAT 17-JUL-2003  
DEFINITION Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.  
ACCESSION BD230297  
VERSION BD230297.1 GI:33040067  
KEYWORDS JP 2002530091-A/166.  
SOURCE  
ORGANISM  
Canis familiaris  
Canis familiaris  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.  
Galibert, F. and Andre, C.  
1 (bases 1 to 22)  
Total genome radiation hybrid map of canine genome and its use for identification of interesting genes  
Patent: JP 2002530091-A 166 17-SEP-2002;  
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE  
OS Canis familiaris (dog)  
PN JP 2002530091-A/166  
PD 17-SEP-2002  
PF 15-NOV-1999 JP 2000582596  
PI 13-NOV-1998 US 60/108193  
PR FRANCIS GALIBERT, CATHERINE ANDRE  
PC C12N15/09, C12Q1/68, C12N15/00  
CC A0117  
FH Key  
FT source  
Location/Qualifiers  
1. .22  
/organism="Canis familiaris (dog)"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9615"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4877 TGGCAGGTTCCCTGTCCTCCT 4896  
Db 2 TGTGAGTACATGTGCTCCT 21

RESULT 605  
LOCUS BD268917/c 22 bp RNA linear PAT 17-JUL-2003  
DEFINITION Anti-viral vectors.  
ACCESSION BD268917  
VERSION BD268917.1 GI:33078685  
KEYWORDS JP 2002538829-A/18.  
SOURCE  
ORGANISM  
Human immunodeficiency virus 1 (HIV-1)  
Human immunodeficiency virus 1  
Viruses; Retroviruses; Retroviridae; Lentivirus; Primate lentivirus group.  
1 (bases 1 to 22)  
Uden, M. and Mitrophanous, K.  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
COMMENT  
Anti-viral vectors  
Patent: JP 2002538829-A 18 19-NOV-2002;  
OXFORD BIOMEDICA LTD  
OS Human immunodeficiency virus type 1  
PN JP 2002538829-A/18  
PD 19-NOV-2002  
PF 17-MAR-2000 JP 2000605758  
PI 17-MAR-1999 GB 9906177.2  
PR MARK UDEN, KYRIACOS MITROPHANOUS  
PC C12N15/09, A61K35/76, A61K48/00, A61P31/12, C12N7/00//C12N7/00,  
PC C12R1:92)  
PC C12N15/00  
CC Anti-viral vectors  
FH Key  
FT source  
Location/Qualifiers  
1. .22  
/organism="Human immunodeficiency virus type 1"  
/mol\_type="genomic RNA"  
/db\_xref="taxon:11676"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2620 TCTTGGCCACATTTGAGCA 2639  
Db 20 TCTTGGCCACATTTGAACA 1

RESULT 606  
LOCUS CQ802965/c 22 bp DNA linear PAT 10-MAY-2004  
DEFINITION Sequence 83 from Patent EP1415996.  
ACCESSION CQ802965  
VERSION CQ802965.1 GI:47109960  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
Source  
1. .22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3523 CTCAGAGAGACTGCGCGCTG 3542

Db 21 CTCAGCAGTCTCTGCAGCTG 2


RESULT 607  
COB19317/c 22 bp DNA linear PAT 14-JUN-2004  
LOCUS Sequence 32 from Patent WO2004046349.  
DEFINITION COB19317  
ACCESSION COB19317  
VERSION COB19317.1 GI:48714880  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1  
AUTHORS Symeon,C.U., Aurora,R., Doteon,S.B., Frazier,R.B., Woods,C.L.,  
Zakeri,H. and Zhou,X.  
TITLE Human methionine aminopeptidase type 3  
JOURNAL Patent: WO 2004046349-A 32 03-JUN-2004;  
Pharmacia Corporation (US)  
FEATURES  
source location/Qualifiers  
1..22  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="MAP3 REV1.2 primer"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 422 GCAGGTTCAGTGGAGGCGC 441  

Db 21 GCAGCTTCAGAGCAGGCGC 2

RESULT 608  
AR302570/c 22 bp RNA linear PAT 12-JUN-2003  
LOCUS AR302570  
DEFINITION Sequence 9 from patent US 6541248.  
ACCESSION AR302570  
VERSION AR302570.1 GI:31690867  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 22)  
AUTHORS Kingeman,A.U., Miltrophanous,K. and Kim,N.  
TITLE Anti-viral vectors  
JOURNAL Patent: US 6541248-A 9 01-APR-2003;  
FEATURES  
source location/Qualifiers  
1..22  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2620 TCTTGGCCACATTGAGCCA 2639  

Db 20 TCTTGGCCACATTGAACA 1

RESULT 609  
AR411976/c 22 bp DNA linear PAT 18-DEC-2003  
LOCUS AR411976  
DEFINITION Sequence 32 from patent US 6638750.  
ACCESSION AR411976  
VERSION AR411976.1 GI:40164490  
KEYWORDS  
SOURCE Unknown.

ORGANISM Unknown.  
Unclassified.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Aurora,R. and Doteon,S.B.  
TITLE Methionine aminopeptidase type 3  
JOURNAL Patent: US 6638750-A 32 28-OCT-2003;  
FEATURES  
source location/Qualifiers  
1..22  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 422 GCAGGTTCAGTGGAGGCGC 441  

Db 21 GCAGCTTCAGAGCAGGCGC 2

RESULT 610  
AR493165 22 bp DNA linear PAT 15-MAY-2004  
LOCUS AR493165  
DEFINITION Sequence 197 from patent US 6720137.  
ACCESSION AR493165  
VERSION AR493165.1 GI:47264657  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 22)  
AUTHORS Roder,M., Plaschke,J. and Ganaj,M.  
TITLE Microsatellite markers for plants of the species Triticum aestivum  
JOURNAL Patent: US 6720137-A 197 13-APR-2004;  
FEATURES  
source location/Qualifiers  
1..22  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 275 TCTCTTCTCTCTCTCTC 294  

Db 3 TCGCTTCATCTCTCTCTC 22

RESULT 611  
AX019138 22 bp RNA linear PAT 07-SEP-2000  
LOCUS AX019138  
DEFINITION Sequence 8 from Patent WO9941397.  
ACCESSION AX019138  
VERSION AX019138.1 GI:10043171  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE artificial sequences.  
1  
AUTHORS Miltrophanous,K., Kingeman,A.U. and Kim,N.  
TITLE Anti-viral vectors  
JOURNAL Patent: WO 9941397-A 8 19-AUG-1999;  
MITROPHANOUS KYRIACOS (GB); KINGSMAN ALAN JOHN (GB); OXFORD  
BIOMEDICA LTD (GB); KIM NARRY (KR)  
FEATURES  
source location/Qualifiers  
1..22  
/organism="synthetic construct"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32630"  
/note="gag cleavage"

Query Match 0.3%; Score 15.2; DB 1; Length 22;

Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2620 TCTTGGCACAATTGAGCA 2639  
|||||  
20 TCTTGGCACAATTGAAACA 1

RESULT 612  
AX035469/c AX035469 22 bp RNA linear PAT 15-NOV-2000  
LOCUS  
DEFINITION Sequence 18 from Patent WO0055341.  
ACCESSION AX035469  
VERSION AX035469.1 GI:11191111  
KEYWORDS  
SOURCE Human immunodeficiency virus 1 (HIV-1)  
ORGANISM Human immunodeficiency virus 1  
REFERENCE 1 Viruses; Retrovird viruses; Retroviridae; Lentivirus; Primate  
1 lentivirus group.  
AUTHORS Uden,M. and Mitrophanous,K.  
TITLE Anti-viral vectors  
JOURNAL Patent: WO 0055341-A 18 21-SEP-2000;  
UDEN MARK (GB) ; OXFORD BIOMEDICA LTD (GB) ; MITROPHANOUS KYRIACOS  
(US)  
FEATURES  
source location/Qualifiers  
1..22  
/organism="Human immunodeficiency virus 1"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:11676"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2620 TCTTGGCACAATTGAGCA 2639  
|||||  
20 TCTTGGCACAATTGAAACA 1

RESULT 613  
AX056842/c AX056842 22 bp RNA linear PAT 17-JAN-2001  
LOCUS  
DEFINITION Sequence 8 from Patent WO0075370.  
ACCESSION AX056842  
VERSION AX056842.1 GI:12309780  
KEYWORDS  
SOURCE Human immunodeficiency virus 1 (HIV-1)  
ORGANISM Human immunodeficiency virus 1  
REFERENCE 1 Viruses; Retrovird viruses; Retroviridae; Lentivirus; Primate  
1 lentivirus group.  
AUTHORS Mitrophanous,K., Kim,N.H. and Kotsopoulos,E.  
TITLE In vivo selection method for determining inhibitory rna molecules  
JOURNAL Patent: WO 0075370-A 8 14-DEC-2000;  
Oxford Biomedica (UK) limited (GB)  
FEATURES  
source location/Qualifiers  
1..22  
/organism="Human immunodeficiency virus 1"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:11676"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2620 TCTTGGCACAATTGAGCA 2639  
|||||  
20 TCTTGGCACAATTGAAACA 1

RESULT 614  
AX277376/c

LOCUS AX277376 22 bp DNA linear PAT 29-OCT-2001  
DEFINITION Sequence 34 from Patent WO0174897.  
ACCESSION AX277376  
VERSION AX277376.1 GI:16548941  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 artificial sequences.  
1  
AUTHORS Vernet,C.A., Burgess,C.E., Fernandes,E., Taupier,R.J., Quinn,K.E.,  
Spytek,K.A., Raetelli,L. and Herrmann,J.L.  
TITLE Novel proteins and nucleic acids encoding same  
JOURNAL Patent: WO 0174897-A 34 11-OCT-2001;  
Curagen Corporation (US)  
FEATURES  
source location/Qualifiers  
1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Forward Primer Ag 248"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1577 GTTGTGATCTTGTGGAA 1596  
|||||  
20 GTTGCAGATCTTGTGGAA 1

RESULT 615  
AX429305 AX429305 22 bp DNA linear PAT 21-JUN-2002  
LOCUS  
DEFINITION Sequence 4 from Patent WO0234280.  
ACCESSION AX429305  
VERSION AX429305.1 GI:21540610  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 artificial sequences.  
1  
AUTHORS Egerton,J., Smart,D., Davis,J.B. and Gunthorpe,M.J.  
TITLE Use of vanilloid 4 receptor and antagonists or agonists thereof for  
treating diseases associated with pain  
JOURNAL Patent: WO 0234280-A 4 02-MAY-2002;  
SMITHKLINE BEECHAM PLC (GB)  
FEATURES  
source location/Qualifiers  
1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2378 GAGGAGGAGCAGAGGCTCT 2397  
|||||  
2 GAGGAAGGTGCTGAAAGCTCT 21

RESULT 616  
AX777513/c AX777513 22 bp DNA linear PAT 14-JUL-2003  
LOCUS  
DEFINITION Sequence 61 from Patent WO03029458.  
ACCESSION AX777513  
VERSION AX777513.1 GI:32694531  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 artificial sequences.

AUTHORS Breiting, F., Moldenhauer, G., Pouscka, A. and Kuehlwein, T.  
TITLE Method for producing protein libraries and for selecting proteins  
from said libraries  
JOURNAL Patent: WO 03029458-A 61 10-APR-2003;  
Deutsches Krebsforschungszentrum Stiftung des Oeffentlichen Rechts  
(DE)

FEATURES  
source location/Qualifiers  
1. .22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer vH3-21"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 812 TGTGCGCGCTGGAGAGAGG 831  
DB 22 TGGAGCGCTGGAGAGATAGG 3

RESULT 617  
BD088105 22 bp DNA linear PAT 27-AUG-2002  
LOCUS A method of arraying genome clone.  
DEFINITION BD088105  
ACCESSION BD088105.1 GI:22633715  
VERSION JP 2001321190-A/349.  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequence.  
REFERENCE 1 (bases 1 to 22)  
Soeda, E.  
AUTHORS A method of arraying genome clone  
TITLE Patent: JP 2001321190-A 349 20-NOV-2001;  
JOURNAL THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

COMMENT  
GENOTECOS  
OS Artificial Sequence  
PN JP 2001321190-A/349  
PD 20-NOV-2001  
PF 12-MAR-2001 JP 2001068285  
PI EIICHI SOEDA  
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC  
C12N15/00  
CC Description of Artificial Sequence: Synthetic DNA FH Key  
FT Location/Qualifiers  
1. .22  
source location/Qualifiers  
1. .22  
/organism="Artificial Sequence".  
1. .22  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1210 TGCAGAGTTATTTGACGAG 1229  
DB 2 TGCAGAGTTATTTGACGAG 21

RESULT 618  
BD094599 22 bp DNA linear PAT 27-AUG-2002  
LOCUS Substrate for immobilizing ligand.  
DEFINITION BD094599  
ACCESSION BD094599.1 GI:22640187  
VERSION WO 0135098-A/37.  
KEYWORDS  
SOURCE synthetic construct

ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Kato, I., Izu, H. and Asada, K.  
TITLE Substrate for immobilizing ligand  
JOURNAL Patent: WO 0135098-A 37 17-MAY-2001;  
TAKARA SHUZO CO LTD, IKUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA

COMMENT  
OS Artificial Sequence  
PN WO 0135098-A/37  
PD 17-MAY-2001  
PF 24-OCT-2000 WO 2000JP007415  
PR 05-NOV-1999 JP 99P 315610  
PI IKUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA  
PC G01N33/543, G01N33/521, G01N33/53, G01N33/566, G01N37/00 CC  
Designed oligonucleotide primer for amplifying a portion of CC  
Bcl-X gene.  
FH Key  
FT Location/Qualifiers  
1. .22  
source location/Qualifiers  
1. .22  
/organism="Artificial Sequence".  
1. .22  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2830 GGGAGCTGTGTGTGAAGTTT 2849  
DB 3 GGGAGCTGTGTGTGAAGTTT 22

RESULT 619  
BD130474 22 bp RNA linear PAT 18-SEP-2002  
LOCUS Antiviral vector.  
DEFINITION BD130474  
ACCESSION BD130474.1 GI:23225419  
VERSION JP 2002503477-A/8.  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequence.  
REFERENCE 1 (bases 1 to 22)  
Kingsman, A.J., Miltrophanous, K. and Kim, N.  
AUTHORS Antiviral vector  
TITLE Patent: JP 2002503477-A 8 05-FEB-2002;  
JOURNAL OXFORD BIOMEDICA LTD  
OS Artificial Sequence  
PN JP 2002503477-A/8  
PD 05-FEB-2002  
PF 17-FEB-1999 JP 2000531578  
PR 17-FEB-1998 GB 9603351.7  
PI ALAN JOHN KINGSMAN, KYRIACOS MITROPHANOUS, NARRY KIM PC  
C12N15/09, A61K35/76, A61P31/12, C12N9/00//C07K14/155, C12N7/00, PC  
C12N15/00  
CC Description of Artificial Sequence: gag 3 cleavage site FH  
Key  
FT Location/Qualifiers  
1. .22  
source location/Qualifiers  
1. .22  
/organism="Artificial Sequence".  
1. .22  
/organism="synthetic construct"  
/mol\_type="genomic RNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2620 TCTTTGCCACATTGAGGCA 2639  
DB 1 TCTTTGCCACATTGAGGCA 22

Db 20 TCTTGGCAGATGAAACA 1

RESULT 620  
AB068894  
LOCUS  
DEFINITION Synthetic construct DNA, forward primer for human STS sts-WI-11927 at 1p36.  
ACCESSION AB068894  
VERSION AB068894.1 GI:15129698  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
AUTHORS 1  
Chen, Y.Z., Hayashi, Y., Wu, J.G., Takako, E., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A. and Seoda, E.  
TITLE A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36  
JOURNAL Genomics 74 (1), 55-70 (2001)  
MEDLINE 21269192  
PUBMED 11374902  
REFERENCE 2 (bases 1 to 22)  
AUTHORS Horii, A.  
TITLE Direct Submission  
COMMENT Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp, Tel: 81-22-717-8042, Fax: 81-22-717-8047)  
LOCATION/Qualifiers  
FEATURES  
source 1..22  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"  
1..22  
/note="forward primer for human STS sts-WI-11927 at 1p36 sts-WI-11927 obtained from clones B6211, B63119, B138622, B68F1, B88E8, B128P8, B109A8, B153L4, B296A20, B251K5, Human BAC library RPC1-11"

Query Match 0.3%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 8.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1210 TGCAGAGTTATTGACCAG 1229  
Db 2 TGCAGAGTTATTGACAG 21

RESULT 621  
A45285/c  
LOCUS  
DEFINITION Sequence 16 from Patent WO9518223.  
ACCESSION A45285  
VERSION A45285.1 GI:2299771  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Giovannangelini, C. and Helene, C.  
TITLE GENE EXPRESSION CONTROL  
JOURNAL Patent: WO 9518223-A 16 06-JUL-1995;  
CENTRE NAT RECH SCIENT (FR)  
COMMENT Other publication CA 2180032, 950706  
Other publication FI 962693, 960628  
Other publication NO 962707, 960626  
Other publication ZA 9410367, 950920  
Other publication AU 1388495, 950717  
Other publication FR 2714383, 950630.  
LOCATION/Qualifiers

source 1..23  
/organism="unidentified"  
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/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 8.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 268 CCTCTCTCTCTCTCTCTCT 287  
Db 23 CCTCTCTCTCTCTCTCTCT 4

RESULT 622  
A51544/c  
LOCUS  
DEFINITION Sequence 4 from Patent EP0719864.  
ACCESSION A51544  
VERSION A51544.1 GI:2304371  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Audonnet, J.F., Bublout, M.J., Darreil, R.J., Duinat, C.V., Laplace, B.L. and Riviere, M.A.  
TITLE Recombinant live avian vaccin, using an avian herpes virus as vector  
JOURNAL Patent: EP 0719864-A 4 03-JUL-1996;  
COMMENT Other publication FR 2728795, 960705  
Other publication CA 2166367, 960701  
Other publication AU 4071595, 960711.  
LOCATION/Qualifiers  
FEATURES  
source 1..23  
/organism="unidentified"  
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Query Match 0.3%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 8.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2864 AAGCTGAGCCCATTAATCT 2883  
Db 21 ACAGCGGAGCCCATTAATCT 2

RESULT 623  
AR030173  
LOCUS  
DEFINITION Sequence 362 from patent US 5861244.  
ACCESSION AR030173  
VERSION AR030173.1 GI:5943387  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Wang, C.-G. and Hepburn, A.G.  
TITLE Genetic sequence assay using DNA triple strand formation  
JOURNAL Patent: US 5861244-A 362 19-JAN-1999;  
FEATURES  
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/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 8.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4163 CTCCTCTGCGCCAGCTTCT 4182



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misc_feature 1
/notice="(5/6-FAM)"
misc_feature 23
/notice="(5/6-TAMRA)"

Query Match 0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3158 CCTCACCAGCCAGCCCA 3177
Db 2 CCTCATCACCACACACCCA 21

RESULT 629
LOCUS AR233932 23 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 15 from patent US 6458540.
ACCESSION AR233932
VERSION AR233932.1 GI:27276559
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 23)
AUTHORS Ramborg,E.R.
TITLE Methods and compositions for detection of specific nucleotide
JOURNAL Patent: US 6458540-A 15 01-OCT-2002;
FEATURES
source 1. .23
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1713 GACATGATCACCATTTCAT 1732
Db 23 GACAGATAGCCATCTTCAT 4

RESULT 630
LOCUS AR280273 23 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 5 from patent US 6518063.
ACCESSION AR280273
VERSION AR280273.1 GI:29715702
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 23)
AUTHORS Ducky,P. and Karsenty,G.
TITLE Osef2/Cbfa1 nucleic acids and methods of use therefor
JOURNAL Patent: US 6518063-A 5 11-FEB-2003;
FEATURES
source 1. .23
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Query Match 0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4908 GCAGCCATCACCAGCCAG 4927
Db 2 GCTGCATCACCACACACAG 21

RESULT 631
LOCUS AR280276 23 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 8 from patent US 6518063.
ACCESSION AR280276
VERSION AR280276.1 GI:29715705
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 23)
AUTHORS Ducky,P. and Karsenty,G.
TITLE Osef2/Cbfa1 nucleic acids and methods of use therefor
JOURNAL Patent: US 6518063-A 8 11-FEB-2003;
FEATURES
source 1. .23
/mol_type="genomic DNA"
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LOCUS AR280276 23 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 8 from patent US 6518063.
ACCESSION AR280276
VERSION AR280276.1 GI:29715705
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 23)
AUTHORS Ducky,P. and Karsenty,G.
TITLE Osef2/Cbfa1 nucleic acids and methods of use therefor
JOURNAL Patent: US 6518063-A 8 11-FEB-2003;
FEATURES
source 1. .23
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4908 GCAGCCATCACCAGCCAG 4927
Db 2 GCTGCATCACCACGACACAG 21

RESULT 632
LOCUS AR280277 23 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 9 from patent US 6518063.
ACCESSION AR280277
VERSION AR280277.1 GI:29715706
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 23)
AUTHORS Ducky,P. and Karsenty,G.
TITLE Osef2/Cbfa1 nucleic acids and methods of use therefor
JOURNAL Patent: US 6518063-A 9 11-FEB-2003;
FEATURES
source 1. .23
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4908 GCAGCCATCACCAGCCAG 4927
Db 2 GCTGCATCACCACGACACAG 21

RESULT 633
LOCUS AX058583 23 bp DNA linear PAT 17-JAN-2001
DEFINITION Sequence 35 from Patent WO0077250.
ACCESSION AX058583
VERSION AX058583.1 GI:12310925
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Baeude,C., Garseltier,T., Helene,C. and Rouillon,T.
TITLE Method for circulating oligonucleotides around a double stranded
JOURNAL nucleic acid, resulting structures and uses thereof
PATENT: WO 0077250-A 35 21-DEC-2000;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
(FR) ; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
FEATURES
source 1. .23
Location/Qualifiers
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/organism="synthetic construct"  
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/note="Oligonucleotide"

Query Match 0.3%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 8.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 268 CCCCTCTCTCTCTCTCTCT 287  
Db 23 CCTTCTCTCTCTCTCTCT 4

RESULT 634  
AX059310 23 bp DNA linear PAT 17-JUN-2001  
LOCUS Sequence 43 from Patent WO0055325.  
DEFINITION AX059310  
ACCESSION AX059310  
VERSION GI:12311415  
KEYWORDS  
SOURCE Arabidopsis thaliana (thale cress)  
ORGANISM Arabidopsis thaliana  
REFERENCE  
AUTHORS Preuss, D., Copenhaver, G. and Keith, K.  
TITLE Plant chromosome compositions and methods  
JOURNAL Patent: WO 005325-A 43 21-SEP-2000;  
The University of Chicago (US)  
LOCATION/Qualifiers

FEATURES  
source 1..23  
/organism="Arabidopsis thaliana"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:3702"

Query Match 0.3%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 8.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2314 TCATCCAAAATCAACGAC 2333  
Db 2 TCAGCCAAAGATCACTAG 21

RESULT 635  
AX181983 23 bp DNA linear PAT 06-AUG-2001  
LOCUS Sequence 1 from Patent WO0146405.  
DEFINITION AX181983  
ACCESSION AX181983  
VERSION GI:15133255  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Goodyer, P., Eccles, R.M. and Torban, E.  
TITLE Modulation of pax-2 for controlled apoptosis or survival of cells  
JOURNAL Patent: WO 0146405-A 1 28-JUN-2001;  
McGILL UNIVERSITY (CA) ; University of Otago (NZ)  
LOCATION/Qualifiers  
source 1..23  
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/db\_xref="taxon:32630"  
/note="primer from murine Pax-2 sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 8.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1380 CACCGGCTCTCTATATCC 1399

Db 2 CACCGTCCCTCCCTTTCTC 21

RESULT 636  
AX935030 23 bp DNA linear PAT 06-JUN-2004  
LOCUS Sequence 110 from Patent WO03089469.  
DEFINITION AX935030  
ACCESSION AX935030  
VERSION GI:40642099  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Lobley, A.E., Michalovich, D., Allen, K.E., Reynolds, L., Pierron, V.N.  
TITLE Cation channel proteins  
JOURNAL Patent: WO 03089469-A 110 30-OCT-2003;  
Impharmatica Limited (GB)  
LOCATION/Qualifiers

FEATURES  
source 1..23  
/organism="synthetic construct"  
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/db\_xref="taxon:32630"  
/note="PCR Primer-INPIONCH03 Probe oligonucleotide primer"

Query Match 0.3%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 8.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1976 CATCGTGTGCTGCCACG 1995  
Db 21 CATGTGTGTCAGGCGACG 2

RESULT 637  
BD064810 23 bp DNA linear PAT 27-AUG-2002  
LOCUS BD064810/c  
DEFINITION Method for detecting the extent of binding of transcriptional  
regulatory protein to oligoDNA.  
ACCESSION BD064810  
VERSION GI:22610413  
KEYWORDS JP 2001275678-A/22.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Kishimoto, T., Niwa, S., Mori, Y., Sachiyo, Mimaki, Fukushima, R. and  
Mishikawa, K.  
TITLE Method for detecting the extent of binding of transcriptional  
JOURNAL regulatory protein to oligoDNA  
PATENT: JP 2001275678-A 22 09-OCT-2001;  
SUNTOMO ELECTRIC INDUSTRIES LTD  
COMMENT OS Artificial Sequence  
PN JP 2001275678-A/22  
PD 09-OCT-2001  
PI 31-MAR-2000 JP 2000096306  
PI TOSHIOHKO KISHIMOTO, SHINICHIRO NIWA, YUKO MORI, SACHIYO PI  
MIMAKI, REI FUKUSHIMA,  
PI KAKUKO NISHIKAWA,  
PC C12N15/09, C12N5/10, C12Q1/00, C12Q1/68, C12N15/00, C12N5/00 CC  
SYNTHETIC DNA  
FH Key  
FT source 1..23  
/organism="Artificial Sequence".  
LOCATION/Qualifiers

FEATURES  
source 1..23  
/organism="synthetic construct"  
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/db\_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 23;



Best Local Similarity 85.0%; Pred. No. 8.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 576 ACAGCCAGACGCGGAGCTT 595  
DB 20 ACAGCCAGACGCGGAGCTT 1

RESULT 638  
LOCUS BD128619 23 bp DNA linear PAT 18-SEP-2002

DEFINITION OSF2/CBFA1 compositions and methods of use.

ACCESSION BD128619.1 GI:23223564

VERSION JP 2002502250-A/4.

KEYWORDS unclassified

SOURCE unclassified

ORGANISM

REFERENCE 1 (bases 1 to 23)

AUTHORS DUCY,P. and Karsenty,G.

TITLE OSF2/CBFA1 compositions and methods of use

JOURNAL Patent: JP 2002502250-A 4 22-JAN-2002;

BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM

OS Unclassified

PN JP 2002502250-A/4

PD 22-JAN-2002

PF 29-MAY-1998 JP 1999500892

PR 29-MAY-1997 US 60/048430, 24-MAR-1998 US 60/080189 PT

PATRICIA DUCY,GERARD KARSENTY

PC C12N15/12, C12N15/86, C12N7/01, C12N5/10, C12N1/21, C12Q1/68, C07K14/ PC

47, C07K16/18, A61K31/70, A61K38/17, A61K48/00, G01N33/53, A01K67/027

CC Strandedness: Single;

CC Topology: Linear;

CC OSF2/CBFA1 compositions and methods of use

FT Key Location/Qualifiers

FT source 1..23

FEATURES Location/Qualifiers

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/mol\_type="genomic DNA"

/db\_xref="taxon:32644"

COMMENT

Query Match

Best Local Similarity 85.0%; Score 15.2; DB 1; Length 23;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4908 GCAGCATCACCAGCCACAG 4927  
DB 2 GCTGCATCACCAGCCACAG 21

RESULT 639

LOCUS BD128622

DEFINITION OSF2/CBFA1 compositions and methods of use.

ACCESSION BD128622

VERSION JP 2002502250-A/7.

KEYWORDS unclassified

SOURCE unclassified

ORGANISM

REFERENCE 1 (bases 1 to 23)

AUTHORS DUCY,P. and Karsenty,G.

TITLE OSF2/CBFA1 compositions and methods of use

JOURNAL Patent: JP 2002502250-A 7 22-JAN-2002;

BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM

OS Unclassified

PN JP 2002502250-A/7

PD 22-JAN-2002

PF 29-MAY-1998 JP 1999500892

PR 29-MAY-1997 US 60/048430, 24-MAR-1998 US 60/080189 PT

PATRICIA DUCY,GERARD KARSENTY

PC C12N15/12, C12N15/86, C12N7/01, C12N5/10, C12N1/21, C12Q1/68, C07K14/ PC

47,

PC C07K16/18, A61K31/70, A61K38/17, A61K48/00, G01N33/53, A01K67/027

CC Strandedness: Single;

CC Topology: Linear;

CC OSF2/CBFA1 compositions and methods of use

FT Key Location/Qualifiers

FT source 1..23

FEATURES Location/Qualifiers

1..23

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/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.2; DB 1; Length 23;

Best Local Similarity 85.0%; Pred. No. 8.6e+02; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4908 GCAGCATCACCAGCCACAG 4927  
DB 2 GCTGCATCACCAGCCACAG 21

RESULT 640  
LOCUS BD128623 23 bp DNA linear PAT 18-SEP-2002

DEFINITION OSF2/CBFA1 compositions and methods of use.

ACCESSION BD128623.1 GI:23223568

VERSION JP 2002502250-A/8.

KEYWORDS unclassified

SOURCE unclassified

ORGANISM unclassified

REFERENCE 1 (bases 1 to 23)

AUTHORS DUCY,P. and Karsenty,G.

TITLE OSF2/CBFA1 compositions and methods of use

JOURNAL Patent: JP 2002502250-A 8 22-JAN-2002;

BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM

OS Unclassified

PN JP 2002502250-A/8

PD 22-JAN-2002

PF 29-MAY-1998 JP 1999500892

PR 29-MAY-1997 US 60/048430, 24-MAR-1998 US 60/080189 PT

PATRICIA DUCY,GERARD KARSENTY

PC

C12N15/12, C12N15/86, C12N7/01, C12N5/10, C12N1/21, C12Q1/68, C07K14/ PC

47,

PC C07K16/18, A61K31/70, A61K38/17, A61K48/00, G01N33/53, A01K67/027

CC Strandedness: Single;

CC Topology: Linear;

CC OSF2/CBFA1 compositions and methods of use

FT Key Location/Qualifiers

FT source 1..23

FEATURES Location/Qualifiers

1..23

/organism="unclassified"

/mol\_type="genomic DNA"

/db\_xref="taxon:32644"

Query Match 0.3%; Score 15.2; DB 1; Length 23;

Best Local Similarity 85.0%; Pred. No. 8.6e+02; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4908 GCAGCATCACCAGCCACAG 4927  
DB 2 GCTGCATCACCAGCCACAG 21

RESULT 641  
LOCUS A12055 16 bp DNA linear PAT 09-DEC-1993  
DEFINITION Oligonucleotide.  
ACCESSION A12055  
VERSION A12055.1 GI:491256  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 16)  
AUTHORS Epplen, U.T.  
TITLE Process for the detection of restriction fragment length  
JOURNAL polymorphisms in eukaryotic genomes  
Patent: EP 0266787-A 15 11-MAY-1988;  
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften  
FEATURES  
Source  
1. 16  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCT 295  
Db 2 TCTCTCTCTCTCT 16

RESULT 642  
LOCUS A12056 16 bp DNA linear PAT 09-DEC-1993  
DEFINITION Oligonucleotide.  
ACCESSION A12056  
VERSION A12056.1 GI:489450  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 16)  
AUTHORS Epplen, U.T.  
TITLE Process for the detection of restriction fragment length  
JOURNAL polymorphisms in eukaryotic genomes  
Patent: EP 0266787-A 16 11-MAY-1988;  
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften  
FEATURES  
Source  
1. 16  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCT 295  
Db 15 TCTCTCTCTCTCT 1

RESULT 643  
LOCUS AR042880 16 bp DNA linear PAT 29-SEP-1993  
DEFINITION Sequence 10 from patent US 5811538.  
ACCESSION AR042880  
VERSION AR042880.1 GI:5963376  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 16)

AUTHORS Riley, T. Andrew., Reynolds, M. Alan., Snyder, L. Robert. and Klem, R.E.  
TITLE Process for the purification of oligomers  
JOURNAL Patent: US 5811538-A 10 22-SEP-1998;  
FEATURES Location/Qualifiers  
Source  
1. 16  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCT 295  
Db 2 TCTCTCTCTCTCT 16

RESULT 644  
LOCUS AR106504 16 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 28 from patent US 6107060.  
ACCESSION AR106504  
VERSION AR106504.1 GI:12821034  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 16)  
AUTHORS Keeling, P. and Guan, H.  
TITLE Search encapsulation  
JOURNAL Patent: US 6107060-A 28 22-AUG-2000;  
FEATURES Location/Qualifiers  
Source  
1. 16  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCT 295  
Db 15 TCTCTCTCTCTCT 1

RESULT 645  
LOCUS AR194731 16 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 21 from patent US 6348583.  
ACCESSION AR194731  
VERSION AR194731.1 GI:20241323  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 16)  
AUTHORS Segev, D.  
TITLE Poly(ether-thioether), poly(ether-sulfoxide) and  
JOURNAL poly(ether-sulfone) nucleic acids  
Patent: US 6348583-A 21 19-FEB-2002;  
FEATURES Location/Qualifiers  
Source  
1. 16  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCT 295  
Db 2 TCTCTCTCTCTCT 16

RESULT 646  
ARI94732/c 16 bp DNA linear PAT 20-APR-2002  
LOCUS ARI94732  
DEFINITION Sequence 22 from patent US 6348583.  
ACCESSION ARI94732  
VERSION ARI94732.1 GI:20241324  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
AUTHORS 1 (bases 1 to 16)  
TITLE Segev, D.  
JOURNAL Poly(ether-thioether), poly(ether-sulfoxide) and  
FEATURES poly(ether-sulfone) nucleic acids  
source Patent: US 6348583-A 22 19-FEB-2002;  
Location/Qualifiers  
1. .16  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCT 295  
Db 16 TCTCTCTCTCTCT 2

RESULT 647  
AR435742/c 16 bp RNA linear PAT 18-DEC-2003  
LOCUS AR435742  
DEFINITION Sequence 1 from patent US 6656731.  
ACCESSION AR435742  
VERSION AR435742.1 GI:40198826  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
AUTHORS 1 (bases 1 to 16)  
TITLE Eckstein, F., Ludwig, J. and Beigelman, L.  
JOURNAL Nucleic acid catalysts with endonuclease activity  
FEATURES Patent: US 6656731-A 1 02-DEC-2003;  
source Location/Qualifiers  
1. .16  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.3%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3922 CGCCGCGCGCGCGC 3936  
Db 16 CGCCGCGCGCGCGC 2

RESULT 648  
AX278613/c 16 bp DNA linear PAT 02-NOV-2001  
LOCUS AX278613  
DEFINITION Sequence 150 from Patent WO0177372.  
ACCESSION AX278613  
VERSION AX278613.1 GI:16606067  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE artificial sequences.  
AUTHORS 1  
TITLE Remacle, J., Hamels, S., Zammatteo, N., Lockman, L., Dufour, S.,  
Alexandre, I. and de Longueville, F.  
Identification of biological (micro) organisms by detection of the  
ir homologous nucleotide sequences on arrays

JOURNAL Patent: WO 0177372-A 150 18-OCT-2001;  
Facultes Universitaires Notre-Dame de la Paix (BE)  
FEATURES Location/Qualifiers  
source 1. .16  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Antisense consensus Primer subtypes 5A, 5B"

Query Match 0.3%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2380 GGAGGAGCAGCAGC 2394  
Db 15 GGAGGAGCAGCAGC 1

RESULT 649  
CO621663 17 bp DNA linear PAT 02-FEB-2004  
LOCUS CO621663  
DEFINITION Sequence 6403 from Patent WO0192524.  
ACCESSION CO621663  
VERSION CO621663.1 GI:41671881  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and  
AUTHORS Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 6403 06-DEC-2001;  
Aecomica, Inc. (US)  
source Location/Qualifiers  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3058 AGATCAAGCTGCACA 3072  
Db 3 AGATCAAGCTGCACA 17

RESULT 650  
CO621664 17 bp DNA linear PAT 02-FEB-2004  
LOCUS CO621664  
DEFINITION Sequence 6404 from Patent WO0192524.  
ACCESSION CO621664  
VERSION CO621664.1 GI:41671882  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
TITLE Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and  
JOURNAL Myosin-like gene expressed in human heart and muscle  
PATENT: WO 0192524-A 6404 06-DEC-2001;  
Aecomica, Inc. (US)  
source Location/Qualifiers  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3058 AGATCAAGCTGCAGA 3072  
|||||  
2 AGATCAAGCTGCAGA 16

Db

RESULT 651  
LOCUS CO621665 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 6405 from Patent WO0192524.  
ACCESSION CO621665  
VERSION CO621665.1 GI:41671883  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
REFERENCE  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
1 Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 6405 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3058 AGATCAAGCTGCAGA 3072  
|||||  
1 AGATCAAGCTGCAGA 15

Db

RESULT 652  
LOCUS AR462726 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 6403 from patent US 6686188.  
ACCESSION AR462726  
VERSION AR462726.1 GI:42697783  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
1 Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed  
JOURNAL Patent: US 6686188-A 6403 03-FEB-2004;  
FEATURES  
source 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3058 AGATCAAGCTGCAGA 3072  
|||||  
3 AGATCAAGCTGCAGA 17

Db

RESULT 653  
LOCUS AR462727

LOCUS AR462727 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 6404 from patent US 6686188.  
ACCESSION AR462727  
VERSION AR462727.1 GI:42697784  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
1 Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed  
JOURNAL Patent: US 6686188-A 6404 03-FEB-2004;  
FEATURES  
source 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3058 AGATCAAGCTGCAGA 3072  
|||||  
2 AGATCAAGCTGCAGA 16

Db

RESULT 654  
LOCUS AR462728 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 6405 from patent US 6686188.  
ACCESSION AR462728  
VERSION AR462728.1 GI:42697785  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
1 Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed  
JOURNAL Patent: US 6686188-A 6405 03-FEB-2004;  
FEATURES  
source 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3058 AGATCAAGCTGCAGA 3072  
|||||  
1 AGATCAAGCTGCAGA 15

Db

RESULT 655  
LOCUS AX731028 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 2662 from Patent WO03025175.  
ACCESSION AX731028  
VERSION AX731028.1 GI:30510371  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
1 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
TITLE Telerman,A., Amson,R. and Tuijinder,M.  
Sequences involved in phenomena of tumour suppression, tumour  
reversion, apoptosis and/or virus resistance and their use as

JOURNAL medicines  
Patent: WO 03025175-A 2662 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
Source Location/Qualifiers  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1887 GAGTGGCTGAGATC 1901  
Db 15 GAGTGGCTGAGATC 1

RESULT 656  
AX762380 17 bp DNA linear PAT 25-JUN-2003  
LOCUS Sequence 5701 from Patent WO03040369.  
ACCESSION AX762380  
VERSION AX762380.1 GI:32256996  
KEYWORDS  
SOURCE  
ORGANISM Homo sapiens (human).  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.  
REFERENCE  
AUTHORS Telesman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in tumoral suppression, tumoral reversion,  
apoptosis and/or viral resistance phenomena and their use as  
medicines  
JOURNAL Patent: WO 03040369-A 5701 15-MAY-2003;  
FEATURES Molecular Engines Laboratories (FR)  
Source Location/Qualifiers  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCTCT 295  
Db 3 TCTCTCTCTCTCTCT 17

RESULT 657  
AR028980 18 bp DNA linear PAT 29-SEP-1999  
LOCUS Sequence 19 from patent US 5858981.  
ACCESSION AR028980  
VERSION AR028980.1 GI:5940953  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Schreiber, A.D. and Park, J.-G.  
TITLE Method of inhibiting phagocytosis  
JOURNAL Patent: US 5858981-A 19 12-JAN-1999;  
FEATURES Location/Qualifiers  
1. .18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 533 TGGCAACATCACCG 547  
Db 3 TGGCAACATCACCG 17

RESULT 658  
AR105021/c 18 bp DNA linear PAT 14-FEB-2001  
LOCUS Sequence 25 from patent US 6096502.  
ACCESSION AR105021  
VERSION AR105021.1 GI:12818618  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Lee, S.S.-K.  
TITLE Substrate for detecting U19 helicase activity  
JOURNAL Patent: US 6096502-A 25 01-AUG-2000;  
FEATURES Location/Qualifiers  
1. .18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 270 CTCCTCTCTTCTC 284  
Db 15 CTCCTCTCTTCTC 1

RESULT 659  
AR156862 18 bp DNA linear PAT 08-AUG-2001  
LOCUS Sequence 19 from patent US 6242427.  
ACCESSION AR156862  
VERSION AR156862.1 GI:15125566  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Schreiber, A.D. and Park, J.-G.  
TITLE Methods of inhibiting phagocytosis  
JOURNAL Patent: US 6242427-A 19 05-JUN-2001;  
FEATURES Location/Qualifiers  
1. .18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 533 TGGCAACATCACCG 547  
Db 3 TGGCAACATCACCG 17

RESULT 660  
E14405/c 18 bp DNA linear PAT 28-JUL-1999  
LOCUS E14405 Primer.  
DEFINITION E14405  
ACCESSION E14405  
VERSION E14405.1 GI:5709088  
KEYWORDS UP 1997313187-A/1.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 18)

AUTHORS Akagi,H., Inagaki,A., Yokozeki,S., Nakamura,A. and Fujimura,T.  
TITLE DNA MARKER LOCATING NEAR MALE STERILITYREGISTRATION GENE IN RICE  
JOURNAL CTOPLASM AND DNA DIAGNOSIS  
Patent: JP 199713187-A 1 09-DEC-1997;  
MITSUI PETROCHEM IND LTD  
OS None  
OC Artificial sequences.  
PN JP 199713187-A/1  
PD 09-DEC-1997  
PF 30-MAY-1996 JP 1996136502  
PI AKAGI HIROMORI, INAGAKI AKIKO, YOKOZEKI SUKEYOSHI, PI  
NAKAMURA ATSUSHI,  
FUJIMURA YATSUTO  
PC C12N15/09,C07H21/04,C12Q1/68//A01H1/00;  
CC strandedness: Single;  
CC topology: Linear;  
CC hypothetical: No;  
FH Key Location/Qualifiers  
FT source 1..18  
FT /organism='Artificial sequences'.  
FEATURES  
source location/Qualifiers  
1..18  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"  
Query Match 0.3%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6e+02; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 281 TCTCTCTCTCTCTCT 295  
Db 15 TCTCTCTCTCTCTCT 1  
RESULT 661  
AR412060 18 bp DNA linear PAT 18-DEC-2003  
LOCUS AR412060  
DEFINITION Sequence 19 from patent US 6638764.  
ACCESSION AR412060  
VERSION AR412060.1 GI:40164609  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Schreiber,A.D. and Park,J.-G.  
TITLE Methods of inhibiting phagocytosis  
JOURNAL Patent: US 6638764-A 19 28-OCT-2003;  
FEATURES  
source location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="genomic DNA"  
Query Match 0.3%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 533 TGGCAATCATCCCG 547  
Db 3 TGGCAATCATCCCG 17  
RESULT 662  
AR074770 19 bp DNA linear PAT 28-AUG-2000  
LOCUS AR074770  
DEFINITION Sequence 67 from patent US 5955276.  
ACCESSION AR074770  
VERSION AR074770.1 GI:10001523  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Morgante,M. and Vogel,J.Marie.  
TITLE Compound microsatellite primers for the detection of genetic  
JOURNAL polymorphisms  
Patent: US 5955276-A 67 21-SEP-1999;  
FEATURES  
source location/Qualifiers  
1..19  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 15; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 281 TCTCTCTCTCTCTCT 295  
Db 2 TCTCTCTCTCTCTCT 16  
RESULT 663  
AR236573/c 19 bp DNA linear PAT 20-DEC-2002  
LOCUS AR236573  
DEFINITION Sequence 19 from patent US 6465213.  
ACCESSION AR236573  
VERSION AR236573.1 GI:27280642  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Ekstrand,J.  
TITLE Nucleotide sequences  
JOURNAL Patent: US 6465213-A 19 15-OCT-2002;  
FEATURES  
source location/Qualifiers  
1..19  
/organism="unknown"  
/mol\_type="genomic DNA"  
Query Match 0.3%; Score 15; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1233 CTCTCCCGGGCCTC 1247  
Db 19 CTCTCCCGGGCCTC 5  
RESULT 664  
AR294823 19 bp DNA linear PAT 12-JUN-2003  
LOCUS AR294823/c  
DEFINITION Sequence 6558 from patent US 6537751.  
ACCESSION AR294823  
VERSION AR294823.1 GI:31682107  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL disequilibrium map of the human genome  
Patent: US 6537751-A 6558 25-MAR-2003;  
FEATURES  
source location/Qualifiers  
1..19  
/organism="unknown"  
/mol\_type="genomic DNA"  
Query Match 0.3%; Score 15; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1034 GCTTCAGAGAGCA 1048

Db 17 GCTCCAGAGACA 3

RESULT 665  
AX926752/c  
LOCUS AX926752 19 bp DNA linear PAT 19-DEC-2003  
DEFINITION Sequence 35 from Patent WO03085133.  
ACCESSION AX926752  
VERSION AX926752.1 GI:40247110  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.  
REFERENCE  
1 Nagataju,J.G.  
TITLE Novel fiber-pcr primers and method of identifying genotyping diverse genomes of plant and animal systems including rice varieties, a kit thereof  
Patent: WO 03085133-A 35 16-OCT-2003;  
JOURNAL Centre for DNA Fingerprinting and Diagnostics, Centre for; the Department of Biotechnology, Ministry of Science & Technology (IN)  
FEATURES  
source  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="A novel FISSR-PCR primer for genotyping eukaryotes"

Query Match 0.3%; Score 15; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 280 TTCTCTCTCTCTC 294  
Db 15 TTCTCTCTCTCTC 1

RESULT 666  
AR143160/c  
LOCUS AR143160 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 53 from patent US 6204055.  
ACCESSION AR143160  
VERSION AR143160.1 GI:15104446  
KEYWORDS  
SOURCE  
ORGANISM  
Unknown.  
SOURCE  
Unknown.  
REFERENCE  
1 (bases 1 to 20)  
AUTHORS Dean,N.M. and Marcusson,E.G.  
TITLE Antisense inhibition of Fas mediated signaling  
JOURNAL Patent: US 6204055-A 53 20-MAR-2001;  
FEATURES  
source  
1. .20  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1326 TCATCCATTGAAGAC 1340  
Db 16 TCATCCATTGAAGAC 2

RESULT 667  
BD249335/c  
LOCUS BD249335 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Antisense modulation of Fas mediated signaling.  
ACCESSION BD249335  
VERSION BD249335.1 GI:33059105  
KEYWORDS JP 2002540812-A/50.

SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.  
REFERENCE  
1 (bases 1 to 20)  
AUTHORS Dean,N.M. and Marcusson,E.G.  
TITLE Antisense modulation of Fas mediated signaling  
JOURNAL Patent: JP 2002540812-A 50 03-DEC-2002;  
COMMENT  
ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2002540812-A/50  
PD 03-DEC-2002  
PF 10-APR-2000 JP 2000610483  
PR 12-APR-1999 US 09/290640  
PI NICHOLAS M DEAN ERIC G MARCUSSON  
PC C12N15/09,A61K31/7088,A61K31/7115,A61K31/712,A61K31/7125, PC A61K48/00,  
PC A61P1/16,A61P29/00,A61P35/00,A61P37/00,A61P43/00//C12N5/06, PC C12N15/00,  
PC C12N5/00  
CC Synthetic Sequence  
FH Key Location/Qualifiers  
FT source 1. .20  
Location/Qualifiers  
1. .20  
/organism="Artificial Sequence".

FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1326 TCATCCATTGAAGAC 1340  
Db 16 TCATCCATTGAAGAC 2

RESULT 668  
AR215791/c  
LOCUS AR215791 20 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 106 from patent US 6410324.  
ACCESSION AR215791  
VERSION AR215791.1 GI:23314047  
KEYWORDS  
SOURCE  
ORGANISM  
Unknown.  
SOURCE  
Unknown.  
REFERENCE  
1 (bases 1 to 20)  
AUTHORS Bennett,C.F. and Watt,A.T.  
TITLE Antisense modulation of tumor necrosis factor receptor 2 expression  
JOURNAL Patent: US 6410324-A 106 25-UN-2002;  
FEATURES  
source  
1. .20  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4473 GTGCTGCTTAAGTG 4487  
Db 20 GTGCTGCTTAAGTG 6

RESULT 669  
AR432254/c  
LOCUS AR432254 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 53 from patent US 6653133.  
ACCESSION AR432254  
VERSION AR432254.1 GI:40194527  
KEYWORDS

SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Dean,N.M., Marcussen,E.G. and Wyatt,J.  
TITLE Antisense modulation of Fas mediated signalling  
JOURNAL Patent: US 6653133-A 53 25-NOV-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1326 TCATCCTTGAGAC 1340  
DB 16 TCATCCTTGAGAC 2

RESULT 670  
AR442505/c  
LOCUS AR442505 20 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 113 from patent US 6670130.  
ACCESSION AR442505  
VERSION AR442505.1 GI:42669762  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Kim,C.M., Park,H.K. and Jang,H.J.  
TITLE Oligonucleotide for detection and identification of Mycobacteria  
JOURNAL Patent: US 6670130-A 113 30-DEC-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1986 CTGGCCAGCCTGAG 2000  
DB 19 CTGGCCAGCCTGAG 5

RESULT 671  
AX149227/c  
LOCUS AX149227 20 bp DNA linear PAT 08-JUN-2001  
DEFINITION Sequence 429 from Patent WO0136625.  
ACCESSION AX149227  
VERSION AX149227.1 GI:14347751  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Wright,J.A., Young,A.H. and Pugourd,D.  
TITLE Antisense oligonucleotide sequences derived from groel and groes as  
inhibitors of microorganisms  
JOURNAL Patent: WO 0136625-A 429 25-MAY-2001;  
FEATURES Location/Qualifiers  
SOURCE 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 15; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1673 GCAGCAGATGAGAA 1687  
DB 20 GCAGCAGATGAGAA 6

RESULT 672  
HSTNRAS3/c  
LOCUS HSTNRAS3 20 bp DNA linear PRI 25-JUL-1997  
DEFINITION Homo sapiens TN-R gene acceptor splice site intron 3.  
ACCESSION Y13500 Y07980  
VERSION Y13500.1 GI:2281944  
KEYWORDS tenascin-R.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Lepirini,A., Gherzi,R., Sirl,A., Querze,G., Vici,F. and Zardi,L.  
TITLE The human tenascin-R gene  
JOURNAL J Biol. Chem. 271 (49), 31251-31254 (1996)  
MEDLINE 97094894  
PUBMED 8940128  
REFERENCE 2 (bases 1 to 20)  
AUTHORS Zardi,L.  
TITLE Direct Submission  
JOURNAL Submitted (11-SEP-1996) L. Zardi, Istituto Nazionale per la Ricerca  
sul Cancro, Laboratory of Cell Biology, Largo R. Benzi, 10, 16132  
Genova, ITALY  
REMARK Revised by author 25-JUL-1997  
COMMENT On Jul 28, 1997 this sequence version replaced gi:2181894.  
FEATURES Location/Qualifiers  
SOURCE 1..20  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"  
/dev\_stage="adult"

intron  
gene  
exon

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4831 AGTGGAGAGATCTGG 4845  
DB 20 AGTGGAGAGATCTGG 6

RESULT 673  
AX095909  
LOCUS AX095909 21 bp DNA linear PAT 30-MAR-2001  
DEFINITION Sequence 1087 from Patent WO0118250.  
ACCESSION AX095909  
VERSION AX095909.1 GI:13512136  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 1087 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium



Pharmaceuticals, Inc. (US)  
FEATURES  
source location/Qualifiers  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 8.3e+02;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 748 TGGACGACGTCATCGAG 764  
Db 4 TGGACCAKCTCATCCAG 20

RESULT 674  
AR074766/c 22 bp DNA linear PAT 28-AUG-2000  
LOCUS Sequence 63 from patent US 5955276.  
ACCESSION AR074766  
VERSION AR074766.1 GI:10001519  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 22)  
AUTHORS Morgante,M. and Vogel,J.Marie.  
TITLE Compound microsatellite primers for the detection of genetic polymorphisms  
JOURNAL Patent: US 5955276-A 63 21-SEP-1999;  
FEATURES location/Qualifiers  
source 1. .22  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCTCT 295  
Db 22 TCTCTCTCTCTCTCT 8

RESULT 675  
AR074769 22 bp DNA linear PAT 28-AUG-2000  
LOCUS Sequence 66 from patent US 5955276.  
ACCESSION AR074769  
VERSION AR074769.1 GI:10001522  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 22)  
AUTHORS Morgante,M. and Vogel,J.Marie.  
TITLE Compound microsatellite primers for the detection of genetic polymorphisms  
JOURNAL Patent: US 5955276-A 66 21-SEP-1999;  
FEATURES location/Qualifiers  
source 1. .22  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCTCT 295  
Db 1 TCTCTCTCTCTCTCT 15

RESULT 676  
AX278492/c 22 bp DNA linear PAT 02-NOV-2001  
LOCUS Sequence 29 from Patent WO0177372.  
ACCESSION AX278492  
VERSION AX278492.1 GI:16605946  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
1  
AUTHORS Remacle,J., Hamels,S., Zammattée,N., Lockman,L., Dufour,S., Alexandre,I. and de Longueville,F.  
TITLE Identification of biological (micro) organisms by detection of the  
JOURNAL Ir homologous nucleotide sequences on arrays  
Patent: WO 0177372-A 29 18-OCT-2001;  
Facultes Universitaires Notre-Dame de la Paix (BE)  
FEATURES location/Qualifiers  
source 1. .22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="FemA fragment consensus primer Apcons3-1"

Query Match 0.3%; Score 15; DB 1; Length 22;  
Best Local Similarity 71.4%; Pred. No. 8.8e+02;  
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1571 GAATPAGTTGGTATCTTGGT 1591  
Db 22 GATPAGTTGGTATCTT 2

RESULT 677  
AX391436/c 22 bp DNA linear PAT 23-MAR-2002  
LOCUS Sequence 1 from Patent EP1184349.  
ACCESSION AX391436  
VERSION AX391436.1 GI:19700047  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
1  
AUTHORS Hevesi,L., Jeanmart,L. and Remacle,J.  
TITLE Method for obtaining a surface activation of a solid support for  
JOURNAL building biochips microarrays  
Patent: EP 1184349-A 1 06-MAR-2002;  
FACULTES UNIVERSITAIRES NOTRE-DAME DE LA PAIX (BE)  
FEATURES location/Qualifiers  
source 1. .22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="degenerated primer for S.aureus femA gene fragment"

Query Match 0.3%; Score 15; DB 1; Length 22;  
Best Local Similarity 71.4%; Pred. No. 8.8e+02;  
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1571 GAATPAGTTGGTATCTTGGT 1591  
Db 22 GATPAGTTGGTATCTT 2

RESULT 678  
AX711255 22 bp RNA linear PAT 10-APR-2003  
LOCUS Sequence 22 from Patent WO03016343.  
DEFINITION AX711255  
ACCESSION AX711255  
VERSION AX711255.1 GI:29787636  
KEYWORDS

SOURCE synthetic construct  
ORGANISM synthetic construct  
FEATURES  
1  
AUTHORS Guy, L.G.  
TITLE Use of *g(a)cp1*, *g(a)cp2*, and *hnr* for modulating gene expression  
JOURNAL Patent: WO 03016343-A 22 27-FEB-2003;  
AngioGene Inc. (CA)  
FEATURES  
Source Location/Qualifiers  
1..22  
/organism="synthetic construct"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32630"  
/note="Sequence is completely synthesized"

Query Match 0.3%; Score 15; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 272 CTCCTCTCTCTCTCTCT 287  
Db 7 CTCCTCTCTCTCTCTCT 22

RESULT 679  
AX794724/c 22 bp DNA linear PAT 04-OCT-2003  
LOCUS AX794724  
DEFINITION Sequence 1 from Patent EP1324042.  
ACCESSION AX794724  
VERSION AX794724.1 GI:37515638  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
FEATURES  
1  
AUTHORS Remacle, J., Alexandre, I. and Houbion, Y.  
TITLE Detection and/or quantification method of a target molecule by a binding with a capture molecule fixed on the surface of a disc  
JOURNAL Patent: EP 1324042-A 1 02-JUL-2003;  
Remacle, Jose (BE)  
FEATURES  
Source Location/Qualifiers  
1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="consensus primer for fem A : Apcon31"

Query Match 0.3%; Score 15; DB 1; Length 22;  
Best Local Similarity 71.4%; Pred. No. 8.8e+02;  
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1571 GAATTAAGTGTGATCTTGGT 1591  
Db 22 GATATATGTGTGATATTTTCTT 2

RESULT 680  
AX926723/c 22 bp DNA linear PAT 19-DEC-2003  
LOCUS AX926723  
DEFINITION Sequence 6 from Patent WO03085133.  
ACCESSION AX926723  
VERSION AX926723.1 GI:40247011  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
FEATURES  
1  
AUTHORS Nagai, J.G.  
TITLE Novel fiber-pcr primers and method of identifying genotyping  
JOURNAL diverse genomes of plant and animal systems including rice  
Patent: WO 03085133-A 6 16-OCT-2003;

Centre for DNA Fingerprinting and Diagnostics, Centre for; the  
Department of Biotechnology, Ministry of Science & Technology (IN)  
FEATURES  
Source Location/Qualifiers  
1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="A novel FISSR-PCR primer for genotyping eukaryotes"

Query Match 0.3%; Score 15; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTCTCT 295  
Db 22 TCTCTCTCTCTCTCTCT 8

RESULT 681  
ATH521535/c 23 bp DNA linear PLN 29-MAR-2003  
LOCUS ATH521535  
DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone  
271A09.  
ACCESSION AJ521535  
VERSION AJ521535.1 GI:26789771  
KEYWORDS left border; T-DNA flanking sequence.  
SOURCE Arabidopsis thaliana (thale cress)  
ORGANISM Arabidopsis thaliana  
Bukariyoti; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;  
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.  
REFERENCE  
1  
AUTHORS Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, F.,  
Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G.,  
Lepoint, L., Caboche, M. and Leclercq, A.  
TITLE T-DNA integration into the Arabidopsis genome depends on sequences  
of pre-insertion sites  
JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)  
MEDLINE 22363535  
PubMed 12446565  
REFERENCE  
2 (bases 1 to 23)  
AUTHORS Balzerque, S.  
TITLE Direct Submision  
JOURNAL Submitted (21-NOV-2002) Balzerque S., UMRGV, INRA/CNRS, 2 rue  
Gaston Cremieux, 91057 Evry cedex, FRANCE  
COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana  
plants from INRA (Versailles). The DNA fragment(s) resulting from  
the PCR were directly sequenced from the left or the right border  
to determine the genomic sequence flanking the insertion. T-DNA  
derived sequences were removed. Information to order the  
corresponding mutant line and a link to a database providing a  
graphical display of the insertion site are available at  
<http://dbsgip.versailles.inra.fr/publiclines/>. This sequence has  
been generated in the framework of the French plant genomics  
program 'Genoplante' (<http://www.genoplante.com> and  
<http://genoplante-info.infobiogen.fr>).  
Location/Qualifiers  
1..23  
/organism="Arabidopsis thaliana"  
/mol\_type="genomic DNA"  
/cultiivar="Wassilewskija"  
/db\_xref="taxon:3702"  
/clone="271A09"  
/clone\_1b="Arabidopsis thaliana T-DNA insertion lines"  
misc\_feature  
1..23  
/note="T-DNA flanking sequence  
left border"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4417 ATATATATATATATATATAT 4439

Db 23 AAAATATTATTAATCTATATAT 1

RESULT 682  
LOCUS A39450 23 bp DNA linear PAT 05-MAR-1997  
DEFINITION Sequence 9 from Patent WO9414959.  
ACCESSION A39450  
VERSION A39450.1 GI:2295780  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Sitma,A.  
TITLE NEW PROTEIN FROM URINE NAMED COMPONENT B  
JOURNAL APPLIED RESEARCH SYSTEMS (NL)  
COMMENT Other publication AU 5833594 940719  
Other publication ZA 9309631 950622  
Other publication FI 953091 950621  
Other publication NO 952494 950821  
Other publication IT 1257184 960110.  
Location/Qualifiers  
source 1..23  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 537 AACATCACCGCGCTCCAGCGCA 559  
Db 23 ACCATTACCGCGCTGCACACCGCA 1

RESULT 683  
LOCUS A91604 23 bp DNA linear PAT 22-JAN-2000  
DEFINITION Sequence 131 from Patent WO9824928.  
ACCESSION A91604  
VERSION A91604.1 GI:6740559  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Pallisgaard,N. and Hokland,P.  
TITLE DETECTION OF CHROMOSOMAL ABNORMALITIES  
JOURNAL Patent: WO 9824928-A 131 11-JUN-1998;  
PALLISGAARD NIELS (DK); HOKLAND PETER (DK)  
Location/Qualifiers  
source 1..23  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2763 TTCCACTGAGCTGCTTGAGAG 2785  
Db 1 TTCACCTAGAGGTGTGTCAGAG 23

RESULT 684  
LOCUS AR009608 23 bp DNA linear PAT 04-DEC-1998  
DEFINITION Sequence 4 from patent US 5756325.

ACCESSION AR009608  
VERSION AR009608.1 GI:3968413  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Kmiec,E.B.  
TITLE Compounds and methods for site directed mutations in eukaryotic cells  
JOURNAL Patent: US 5756325-A 4 26-MAY-1998;  
Location/Qualifiers  
source 1..23  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3911 GCCCAGCCGCGCGCGCGCGC 3933  
Db 1 GCCCAGCAGCGAGCGCGCCACCAC 23

RESULT 685  
LOCUS AR036068 23 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 4 from patent US 5871984.  
ACCESSION AR036068  
VERSION AR036068.1 GI:5952736  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Kmiec,E.B.  
TITLE Compounds and methods for site directed mutations in eukaryotic cells  
JOURNAL Patent: US 5871984-A 4 16-FEB-1999;  
Location/Qualifiers  
source 1..23  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3911 GCCCAGCCGCGCGCGCGCGC 3933  
Db 1 GCCCAGCAGCGAGCGCGCCACCAC 23

RESULT 686  
LOCUS AR070838/c 23 bp DNA linear PAT 18-FEB-2000  
DEFINITION Sequence 9 from patent US 5908827.  
ACCESSION AR070838  
VERSION AR070838.1 GI:7221726  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Sitma,A.  
TITLE Protein from urine named component B  
JOURNAL Patent: US 5908827-A 9 01-JUN-1999;  
Location/Qualifiers  
source 1..23  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 537 AACATCACCGCTCCAGCGCA 559  
| | | | | | | | | | | | | | | | | | | | |  
DB 23 ACCATTACCGCTCCAGCGCA 1

RESULT 687  
AR073811/c  
LOCUS AR073811 23 bp DNA linear PAT 28-AUG-2000  
DEFINITION Sequence 10 from patent US 5952202.  
ACCESSION AR073811  
VERSION AR073811.1 GI:10000571  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Aoyagi,K. and Iiyak,K.J.  
TITLE Methods using exogenous, internal controls and analogue blocks  
during nucleic acid amplification  
JOURNAL Patent: US 5952202-A 10 14-SEP-1999;  
FEATURES  
source 1..23  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4689 AGCCTGTTCTGTCAGCTTCACT 4711  
| | | | | | | | | | | | | | | | | | | | |  
DB 23 AGCCAGTCCCTTCCCGCTTCACT 1

RESULT 688  
ARI40010/c  
LOCUS ARI40010 23 bp DNA linear PAT 16-JUN-2001  
DEFINITION Sequence 7 from patent US 6207425.  
ACCESSION ARI40010  
VERSION ARI40010.1 GI:14482506  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Liu,Q. and Sommer,S.S.  
TITLE Bidirectional PCR amplification of specific alleles  
JOURNAL Patent: US 6207425-A 7 27-MAR-2001;  
FEATURES  
source 1..23  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 250 TGGACGGCAGGCGCCCGCTC 272  
| | | | | | | | | | | | | | | | | | | | |  
DB 23 TGCCCTGTCAGGCGCCCGCTC 1

RESULT 689  
BD225369/c  
LOCUS BD225369 23 bp DNA linear PAT 17-JUL-2003  
DEFINITION Targeting antisense library.  
ACCESSION BD225369  
VERSION BD225369.1 GI:33035139  
KEYWORDS JP 2002509733-A/3.

SOURCE synthetic construct  
ORGANISM synthetic construct  
ARTIFACTIAL SEQUENCES.  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Ruffner,D.E., Pierce,M.L. and Chen,Z.  
TITLE Targeting antisense library  
JOURNAL Patent: JP 2002509733-A 3 02-APR-2002;  
UNIVERSITY OF UTAH RESEARCH FOUNDATION  
OS Artificial Sequence  
COMMENT PN JP 2002509733-A/3  
PD 02-APR-2002  
PF 28-MAR-1999 JP 2000541344  
PR 28-MAR-1998 US 60/079792,06-NOV-1998 US 60/107504 PI  
DUANE E RUFNER,MICHAEL L PIERCE,ZHIDONG CHEN PC  
C12N15/09,C12Q1/68//A61K48/00,C12N15/00  
CC Portion of a multiple cloning site for use in making deletion  
CC libraries.  
FH Key Location/Qualifiers  
FT source 1..23  
/organism="Artificial Sequence".  
FEATURES  
source 1..23  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2840 GGTGAAGTTGGTGAAGCTCTTC 2862  
| | | | | | | | | | | | | | | | | | | | |  
DB 23 GCTGAAGCTTGGTGAAGCTCTTC 1

RESULT 690  
BD243517  
LOCUS BD243517 23 bp DNA linear PAT 17-JUL-2003  
DEFINITION Nucleotide fragment, probe, primer, reagent, and method for  
detecting nucleotide sequence derived from replication origin of  
PBR322.  
ACCESSION BD243517  
VERSION BD243517.1 GI:33053287  
KEYWORDS JP 2002537856-A/24.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 23)  
AUTHORS Lamy,D.  
TITLE Nucleotide fragment, probe, primer, reagent, and method for  
detecting nucleotide sequence derived from replication origin of  
JOURNAL Patent: JP 2002537856-A 24 12-NOV-2002;  
TRANSGENE  
COMMENT OS PBR322 plasmid  
PN JP 2002537856-A/24  
PD 12-NOV-2002  
PF 03-MAR-2000 JP 2000603424  
PR 05-MAR-1999 FR 99/02968  
PI DIDIER LAMY  
PC C12N15/09,C12Q1/68,C12N15/00  
CC Nucleotide fragment, probe, primer, reagent, and method for  
detecting  
CC nucleotide sequence derived from replication origin of PBR322  
FH Key Location/Qualifiers  
FT source 1..23  
/organism="PBR322 plasmid".  
FEATURES  
source 1..23  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 15; DB 1; Length 23;

Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 442 CTCGCTCCCTCGGTGTGT 464

Db 1 CACCGCTACGCGGTGTGT 23

## RESULT 691

LOCUS CQ814534 23 bp DNA linear PAT 24-MAY-2004

DEFINITION Sequence 4 from Patent WO2004039996.

ACCESSION CQ814534

VERSION CQ814534.1 GI:47603731

KEYWORDS Homo sapiens (human)

SOURCE

ORGANISM

REFERENCE 1  
AUTHORS Lohray, B.B., Shah, S., Pandit, H. and Patel, M.  
TITLE Method for producing recombinant human interferon alpha 2b  
JOURNAL polypeptide in pichia pastoris  
PATENT: WO 2004039996-A 4 13-MAY-2004;  
CADILA HEALTHCARE LTD. (IN)

FEATURES  
SOURCE Location/Qualifiers

1..23  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1332 ATTGAGCAGGTCAAGCCTT 1354

Db 23 AGTAAGCAAGGTCAAGCCTT 1

## RESULT 692

LOCUS CQ831876 23 bp DNA linear PAT 29-JUL-2004

DEFINITION Sequence 11 from Patent WO2004056996.

ACCESSION CQ831876

VERSION CQ831876.1 GI:50831751

KEYWORDS

SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Romeo, T., Weillbacher, T., Suzuki, K. and Wang, X.  
TITLE The escherichia coli csc gene and uses thereof for biofilm  
JOURNAL modulation  
PATENT: WO 2004056996-A 11 08-JUL-2004;  
University of North Texas Health Science Center At Fort Worth (US)

FEATURES  
SOURCE Location/Qualifiers

1..23  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2312 CATCATCAAAAATCAGCAGC 2334

Db 23 CATCATCTTCAACTCAGCAGC 1

## RESULT 693

127677 127677 23 bp DNA linear PAT 06-FEB-1997  
LOCUS Sequence 4 from patent US 5565350.  
DEFINITION 127677  
ACCESSION 127677.1 GI:1818453  
VERSION 127677.1  
KEYWORDS

SOURCE Unknown.

ORGANISM

REFERENCE 1 (bases 1 to 23)

AUTHORS Kmiec, E.B.  
TITLE Compounds and methods for site directed mutations in eukaryotic  
JOURNAL cells  
PATENT: US 5565350-A 4 15-OCT-1996;  
Location/Qualifiers

FEATURES  
SOURCE 1..23  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3911 GCCCAGCCCGACGCGCGCGC 3933

Db 1 GCCCAGCCCGACGCGCGCGC 23

## RESULT 694

LOCUS AR349567 23 bp DNA linear PAT 17-AUG-2003

DEFINITION Sequence 3 from patent US 6586180.

ACCESSION AR349567

VERSION AR349567.1 GI:33750365

KEYWORDS

SOURCE Unknown.

ORGANISM

REFERENCE 1 (bases 1 to 23)

AUTHORS Ruffner, D.E., Pierce, M.L. and Chen, Z.  
TITLE Directed antisense libraries  
JOURNAL Patent: US 6586180-A 3 01-JUL-2003;  
Location/Qualifiers

FEATURES  
SOURCE 1..23  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2840 GGTGAGCTTGTGAGACTTTC 2862

Db 23 GGTGAGCTTGTGAGACTTTC 1

## RESULT 695

LOCUS AR442288 23 bp DNA linear PAT 20-FEB-2004

DEFINITION Sequence 189 from patent US 6670124.

ACCESSION AR442288

VERSION AR442288.1 GI:42669545

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 23)

AUTHORS Chow, R. and Tonai, R.  
TITLE High throughput methods of HLA typing  
JOURNAL Patent: US 6670124-A 189 30-DEC-2003;  
Location/Qualifiers

FEATURES  
SOURCE 1..23  
/organism="unknown"



TITLE Methods for exogenous, internal controls during nucleic acid amplification  
JOURNAL Patent: WO 0116367-A 10-08-MAR-2001;  
THE PERKIN-ELMER CORPORATION (US)  
FEATURES  
source 1. .23  
/organism="Escherichia coli"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:562"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4689 AGCCTGTTCTGTCAGCTTCACT 4711  
|||||  
Db 23 AGCCAGTCTCTCCGCTTCACT 1

RESULT 701  
LOCUS AX110660 23 bp DNA linear PAT 29-MAY-2002  
DEFINITION Sequence 1393 from Patent WO0123604.  
ACCESSION AX110660  
VERSION AX110660.1 GI:13926952  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bergeron,M.G., Boissinot,M., Huletsky,A., m Nard,C., Ouellette,M.,  
Picard,F.J. and Roy,P.H.  
TITLE Highly conserved genes and their use to generate probes and primers  
for detection of microorganisms  
JOURNAL Patent: WO 0123604-A 1393 05-APR-2001;  
Infectio Diagnostic (I.D.I.) INC. (CA)  
FEATURES  
source 1. .23  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4692 CTGTTCTGTCAGCTTCACTGAC 4714  
|||||  
Db 1 CAGTCCCTTCCGCTTCACTGAC 23

RESULT 702  
LOCUS AX241174 23 bp DNA linear PAT 26-SEP-2001  
DEFINITION Sequence 412 from Patent WO0160975.  
ACCESSION AX241174  
VERSION AX241174.1 GI:15798049  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Roemer,T., Jiang,B., Boone,C. and Bussey,H.  
TITLE Gene disruption methodologies for drug target discovery  
JOURNAL Patent: WO 0160975-A 412 23-AUG-2001;  
Eltira Pharmaceuticals, Inc. (US)  
FEATURES  
source 1. .23  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="DNA primer"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1721 CACCATCTCATCGGACCTGGA 1743  
|||||  
Db 23 CATCATCATCATGCAATGGA 1

RESULT 703  
LOCUS AX354447 23 bp DNA linear PAT 06-FEB-2002  
DEFINITION Sequence 93 from Patent WO0196523.  
ACCESSION AX354447  
VERSION AX354447.1 GI:18619289  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Kennedy,G.C., Kang,S., Reinhard,C. and Jefferson,A.B.  
TITLE Polynucleotides related to colon cancer  
JOURNAL Patent: WO 0196523-A 93 20-DEC-2001;  
CHIRON CORPORATION (US)  
FEATURES  
source 1. .23  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic oligonucleotide"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4286 GCACACGACGAGCGGCAACAACA 4308  
|||||  
Db 1 GCTCATCATCTCCGGGACCAAGCA 23

RESULT 704  
LOCUS AX428093 23 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 13 from Patent WO0233100.  
ACCESSION AX428093  
VERSION AX428093.1 GI:21538120  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Liu,N. and Floeckner,J.  
TITLE Regulation of human adenylate cyclase, type IV  
JOURNAL Patent: WO 0233100-A 13 25-APR-2002;  
BAYER AG (DE)  
FEATURES  
source 1. .23  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Primer: AC5-L"

Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1666 AGCTCTGACGACGATGAGAAC 1688  
|||||  
Db 1 AGCTGATGACGACGATGAGAAC 23





DEFINITION Arabidopsis thaliana transposon insertion STS SM\_3.36627, sequence tagged site.  
ACCESSION BX323527.1 GI:29691589  
VERSION STS; STS, sequence tagged site.  
KEYWORDS Arabidopsis thaliana (chale cress)  
SOURCE Arabidopsis thaliana  
ORGANISM Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosid II; Brassicales; Brassicaceae; Arabidopsis.

REFERENCE 1  
AUTHORS Clarke,J.H., Bowles,B., Carter,J., Hart,D., McCullagh,B., Murphy,G., Langham,S., Legrys,C., Jones,J.D.G. and Bevan,M.  
JOURNAL Unpublished  
REFERENCE 2 (bases 1 to 23)  
AUTHORS Clarke,J.H.  
TITLE Direct Submision  
COMMENT Submitted (08-APR-2003) Clarke J.H., John Innes Centre, Colney Lane, Norwich, NR4 7UJ, UK  
AR denotes an activation tag dissociation transposon within a single line, ET an enhancer trap dissociation transposon, GT a gene trap dissociation transposon, MT a mis-expression enhancer trap dissociation transposon, SM a defective suppressor mutator transposon. \_3 denotes a sequence derived from the 3' end of the transposon, \_5 denotes a sequence derived from the 5' end of the transposon BSRG GARNet, ATIS project  
On-line seed stock requests: [http://nasc.nott.ac.uk/NASC\\_stock\\_code:NI23338](http://nasc.nott.ac.uk/NASC_stock_code:NI23338).

FEATURES  
source  
1..23  
/organism="Arabidopsis thaliana"  
/mol\_type="genomic DNA"  
/variety="Columbia-0 NASC stock code NI092"  
/db\_xref="taxon:3702"  
/clone="AC002343"  
/note="Derived from superpool 24.44 NASC code N41139"  
1..23  
/standard\_name="SM\_3.36627"

STS  
Query Match 0.3%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2045 AGGATTGCAACACACGTGGGA 2067  
DB 1 AGGATTGAAATCAACTAGGAA 23

RESULT 710  
LOCUS AX042470 25 bp DNA linear PAT 23-NOV-2000  
DEFINITION Sequence 36 from Patent WO0065088.  
ACCESSION AX042470  
VERSION AX042470.1 GI:11341078  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Ulfendahl,P.J. and Wong,K.C.  
TITLE Primers for identifying typing or classifying nucleic acids  
JOURNAL Patent: WO 0065088-A 36 02-NOV-2000;  
Amersham Pharmacia Biotech AB (SE)  
Location/Qualifiers  
1..25  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="DBQ heterozygote typing primer sequence"

FEATURES  
source  
1..25  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="DBQ heterozygote typing primer sequence"

Query Match 0.3%; Score 15; DB 1; Length 25;  
Best Local Similarity 78.3%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4146 CCGGACCTCCTGCTGCTCCTC 4168  
DB 23 CCGAGACTTCCTCTGCTGCTTC 1

RESULT 711  
LOCUS AR040499/c 18 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 1347 from patent US 5807743.  
ACCESSION AR040499  
VERSION AR040499.1 GI:5959862  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.  
TITLE Interleukin-2 receptor gamma-chain ribozymes  
JOURNAL Patent: US 5807743-A 1347 15-SEP-1998;  
Location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2413 AGGAGAAATCAGCTTG 2430  
DB 18 AGGAGAAATCAGCTTG 1

RESULT 712  
LOCUS AR098772 18 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 27 from patent US 607672.  
ACCESSION AR098772  
VERSION AR098772.1 GI:12808538  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Montia,B.P. and Cowseert,L.M.  
TITLE Antisense modulation of TRAPD expression  
JOURNAL Patent: US 607672-A 27 20-JUN-2000;  
Location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 821 GGAGGAAGACACACAG 838  
DB 1 GGAGGAAGACACACAG 18

RESULT 713  
LOCUS AR104801 18 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 51 from patent US 6093874.  
ACCESSION AR104801  
VERSION AR104801.1 GI:12817509  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)

AUTHORS Jofuku, K. Diane. and Okamuro, J. K.  
TITLE Methods for improving seeds  
JOURNAL Patent: US 6093874-A 51 25-JUL-2000;  
FEATURES Location/Qualifiers  
source 1.18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 322 CTCGCGAGCTCAGTTCC 339  
18 CTCGCGAGCCCATTTCC 1

RESULT 714  
BD229251/c 18 bp DNA linear PAT 17-JUL-2003  
LOCUS  
DEFINITION Genotype determination of human UDP-glucuronosyl transferase 2B4  
(UGT2B4), 287 (UGT2B7) and 2B15 (UGT2B15) genes.  
ACCESSION BD229251.1 GI:33039021  
VERSION BD229251.1  
KEYWORDS JP 2002521067-A/123.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Galvin, M., Miller, A., Penny, L. and Riedy, M.  
TITLE Genotype determination of human UDP-glucuronosyl transferase 2B4  
(UGT2B4), 287 (UGT2B7) and 2B15 (UGT2B15) genes  
JOURNAL Patent: JP 2002521067-A 123 16-JUL-2002;  
COMMENT AXYS PHARMACEUTICALS INC  
OS Homo sapiens (human)  
PN JP 2002521067-A/123  
PD 16-JUL-2002  
PF 22-JUL-1999 JP 2000562558  
PR 28-JUL-1998 US 60/094391  
PI MARGARET GALVIN, ANDREW MILLER, LAURA PENNY, MICHAEL RIEDY PC  
C12N15/09, C12N15/09, C12M1/00, C12Q1/68, C12N15/00, C12N15/00 CC  
Genotype determination of human UDP-glucuronosyl transferase CC  
2B4 (UGT2B4),  
CC 287 (UGT2B7) and 2B15 (UGT2B15) genes  
FH Key Location/Qualifiers  
FT source 1.18  
Location/Qualifiers  
source 1.18  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1882 AGAAGAGTGGCTGGAGA 1899  
18 AGAAGAGATGGCTGGATA 1

RESULT 715  
BD229267/c 18 bp DNA linear PAT 17-JUL-2003  
LOCUS  
DEFINITION Genotype determination of human UDP-glucuronosyl transferase 2B4  
(UGT2B4), 287 (UGT2B7) and 2B15 (UGT2B15) genes.  
ACCESSION BD229267.1 GI:33039037  
VERSION BD229267.1  
KEYWORDS JP 2002521067-A/139.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Galvin, M., Miller, A., Penny, L. and Riedy, M.  
TITLE Genotype determination of human UDP-glucuronosyl transferase 2B4  
(UGT2B4), 287 (UGT2B7) and 2B15 (UGT2B15) genes  
JOURNAL Patent: JP 2002521067-A 139 16-JUL-2002;  
COMMENT AXYS PHARMACEUTICALS INC  
OS Homo sapiens (human)  
PN JP 2002521067-A/139  
PD 16-JUL-2002  
PF 22-JUL-1999 JP 2000562558  
PR 28-JUL-1998 US 60/094391  
PI MARGARET GALVIN, ANDREW MILLER, LAURA PENNY, MICHAEL RIEDY PC  
C12N15/09, C12N15/09, C12M1/00, C12Q1/68, C12N15/00, C12N15/00 CC  
Genotype determination of human UDP-glucuronosyl transferase CC  
2B4 (UGT2B4),  
CC 287 (UGT2B7) and 2B15 (UGT2B15) genes  
FH Key Location/Qualifiers  
FT source 1.18  
Location/Qualifiers  
source 1.18  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1882 AGAAGAGTGGCTGGAGA 1899  
18 AGAAGAGATGGCTGGATA 1

RESULT 716  
CO796106 18 bp DNA linear PAT 19-APR-2004  
LOCUS  
DEFINITION Sequence 79 from Patent EP1405921.  
ACCESSION CO796106  
VERSION CO796106.1 GI:46407936  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct.  
synthetic construct  
artificial sequences.  
REFERENCE 1  
AUTHORS Mirel, D.B., Erlich, H.A., Bugawan, T.L., Noble, J.A. and Valdez, A.M.  
TITLE Detection of susceptibility to autoimmune diseases, especially type  
1 diabetes  
JOURNAL Patent: EP 1405921-A 79 07-APR-2004;  
COMMENT Roche Diagnostics GmbH (DE); F. HOFMANN-LA ROCHE AG (CH)  
FEATURES Location/Qualifiers  
source 1.18  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of artificial sequence: Amplicon  
primer"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3600 CCTGCTCCAGAGAGAC 3617  
1 CCTGCTCCAGAGACTGAC 18

RESULT 717  
AR196702 18 bp DNA linear PAT 20-APR-2002  
LOCUS  
DEFINITION Sequence 1167 from patent US 6350934.

ACCESSION AR196702  
VERSION AR196702.1 GI:20246139  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 18)  
AUTHORS Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P,Ann Owens.,  
TITLE Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.,  
JOURNAL Nucleic acid encoding delta-9 desaturase  
FEATURES Patent: US 6350934-A 1167 26-FEB-2002;  
source location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred.No.7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3922 CGCCGCGCGCGCGCTGC 3939  
Db 1 CGCCGCGCGCGCGCGCAGC 18

RESULT 718  
LOCUS AR293075 18 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 4810 from patent US 6537751.  
ACCESSION AR293075  
VERSION AR293075.1 GI:31680359  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 18)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL disequilibrium map of the human genome  
FEATURES Patent: US 6537751-A 4810 25-MAR-2003;  
source location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred.No.7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5192 GTGTGTAATGACAGAG 5209  
Db 18 GTGTGTAATGACAGAGG 1

RESULT 719  
LOCUS AR294051 18 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 5786 from patent US 6537751.  
ACCESSION AR294051  
VERSION AR294051.1 GI:31681335  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 18)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL disequilibrium map of the human genome  
FEATURES Patent: US 6537751-A 5786 25-MAR-2003;  
source location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred.No.7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5069 CTTCCTATCTCTGTGCT 5086  
Db 18 CTTCCTATCTCTGTCACT 1

RESULT 720  
LOCUS AR299235 18 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 10970 from patent US 6537751.  
ACCESSION AR299235  
VERSION AR299235.1 GI:31686519  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 18)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL disequilibrium map of the human genome  
FEATURES Patent: US 6537751-A 10970 25-MAR-2003;  
source location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred.No.7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2801 GGAAGAGAAATGACAGA 2818  
Db 18 GGAAGAGAGAAATGACAGA 1

RESULT 721  
LOCUS AR349503 18 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 126 from patent US 6586175.  
ACCESSION AR349503  
VERSION AR349503.1 GI:33750296  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 18)  
AUTHORS Galvin,M., Miller,A., Penny,L. and Riedy,M.  
TITLE Genotyping the human UDP-glucuronosyltransferase 2B7 (UGT2B7) gene  
JOURNAL Patent: US 6586175-A 126 01-JUL-2003;  
FEATURES location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred.No.7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1882 AGAAGAGTGGCTGAGAG 1899  
Db 18 AGAAGAGTGGCTGAGATA 1

RESULT 722  
LOCUS AR349519 18 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 142 from patent US 6586175.  
ACCESSION AR349519  
VERSION AR349519.1 GI:33750312

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Galvin,M., Miller,A., Penny,L. and Riedy,M.  
TITLE Genotyping the human UDP-glucuronosyltransferase 2B7 (UGT2B7) gene  
JOURNAL Patent: US 6586175-A 142 01-JUL-2003;  
FEATURES  
source  
1. .18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1882 AGAAGAGTGGCTGGAGA 1899  
Db 18 AGAAGATGCTGGATA 1

RESULT 723  
LOCUS AR367457 18 bp DNA PAT 12-SEP-2003  
DEFINITION Sequence 51 from patent US 6329567.  
ACCESSION AR367457  
VERSION AR367457.1 GI:34600672  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Joefuku,K.D. and Okamura,J.K.  
TITLE Methods for improving seeds  
JOURNAL Patent: US 6329567-A 51 11-DEC-2001;  
FEATURES  
source  
1. .18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 322 CTCGCAGCTCAGTTCC 339  
Db 18 CTCGCAGCCCATTTCC 1

RESULT 724  
LOCUS AX601100 18 bp DNA PAT 17-FEB-2003  
DEFINITION Sequence 195 from Patent WO02092851.  
ACCESSION AX601100  
VERSION AX601100.1 GI:28401173  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Blinn,M.M. and Swinburne,J.E.  
TITLE Genetic typing  
JOURNAL Patent: WO 02092851-A 195 21-NOV-2002;  
FEATURES  
source  
1. .18  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 7.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 800 TCTGCAATACCGTGCC 817  
Db 1 TCTGAATACCGTGCC 18

RESULT 725  
LOCUS BD196923 19 bp DNA PAT 17-JUL-2003  
DEFINITION Prostatic cancer gene.  
ACCESSION BD196923  
VERSION BD196923.1 GI:3300693  
KEYWORDS JP 2002516657-A/512.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Cohen,D., Blumenfeld,M., Chumakov,I. and Bougueleret,L.  
TITLE Prostatic cancer gene  
JOURNAL Patent: JP 2002516657-A 512 11-JUN-2002;  
COMMENT  
OS Homo sapiens (human)  
PN JP 2002516657-A/512  
PD 11-JUN-2002  
PF 22-DEC-1998 JP 2000525562  
PR 22-DEC-1997 US 08/996306,09-SEP-1998 US 60/09658 PI  
DANIEL COHEN,MARIA BLUMENFELD,ILYA CHUMAKOV,IYDIE BOUGUELERET PC  
C12N15/09,C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15, PC  
C12N1/19,  
PC C12N1/21,C12N5/10,C12N5/10,C12P21/08,C12Q1/68,G01N33/50 PC  
C12N15/00,C12N5/00,  
PC C12N5/00,C12N15/00  
CC potential microsequencing oligo for 4-60-293.m192 FH key  
FEATURES  
source  
1. .19  
Location/Qualifiers  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4149 GGAACCTCTGCTGCTCC 4166  
Db 2 GGACTTCTGCTGCTTC 19

RESULT 726  
LOCUS BD230222 19 bp DNA PAT 17-JUL-2003  
DEFINITION Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.  
ACCESSION BD230222  
VERSION BD230222.1 GI:33039992  
KEYWORDS JP 2002530091-A/91.  
SOURCE Canis familiaris (dog)  
ORGANISM Canis familiaris  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Galibert,F. and Andre,C.  
TITLE Total genome radiation hybrid map of canine genome and its use for identification of interesting genes  
JOURNAL Patent: JP 2002530091-A 91 17-SEP-2002;  
COMMENT  
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE  
OS Canis familiaris (dog)  
PN JP 2002530091-A/91

PD 17-SEP-2002  
 PF 15-NOV-1999 JP 2000582596  
 PR 13-NOV-1998 US 60/108193  
 PI FRANCIS GALIBERT, CATHERINE ANDRE  
 PC C12N15/09, C12Q1/68, C12N15/00  
 CC A0035  
 FH Key  
 FT source  
 Location/Qualifiers  
 1.19  
 /organism="Canis familiaris (dog)"

Location/Qualifiers  
 1.19  
 /organism="Canis familiaris"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:9615"

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
 Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 256 GCCAGGCGCCGCCCTCT 273  
 DB 18 GCCAGGCGCTCCTCTCT 1

RESULT 727  
 LOCUS CQ799990 19 bp RNA linear PAT 28-APR-2004  
 DEFINITION Sequence 88 from Patent WO2004030660.  
 ACCESSION CQ799990  
 VERSION CQ799990.1 GI:46848937  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
 AUTHORS Gleave, M.E., Rocchi, P. and Signavsky, M.  
 TITLE Compositions for treatment of prostate and other cancers  
 JOURNAL Patent: WO 2004030660-A 88 13-APR-2004;  
 The University of British Columbia (CA)  
 FEATURES  
 source  
 1.19  
 /organism="Homo sapiens"  
 /mol\_type="unassigned RNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
 Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1592 GGAACGAGAGAGAA 1609  
 DB 19 GGAGACAGGAGAGAGAA 2

RESULT 728  
 LOCUS CQ814893 19 bp DNA linear PAT 24-MAY-2004  
 DEFINITION Sequence 16 from Patent WO2004039979.  
 ACCESSION CQ814893  
 VERSION CQ814893.1 GI:47604060  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 artificial sequences.

REFERENCE 1  
 AUTHORS Hells, A. and Haug, K.  
 TITLE Means and methods for diagnosing and treating idiopathic  
 JOURNAL generalized epilepsy (19e)  
 Patent: WO 2004039979-A 16 13-MAY-2004;  
 Rheinische Friedrich-Wilhelms-Universitaet Bonn (DE)  
 FEATURES  
 source  
 1.19  
 Location/Qualifiers

/organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Primer for amplifying a fragment of the CLCN-2  
 nucleotide sequence"

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
 Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3756 CTGGCTCTCTCACTGC 3773  
 DB 18 CTGGCTCTCTCACTGC 1

RESULT 729  
 LOCUS AR295404 19 bp DNA linear PAT 12-JUN-2003  
 DEFINITION Sequence 7139 from patent US 6537751.  
 ACCESSION AR295404  
 VERSION AR295404.1 GI:31682688  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 Unclassified.

REFERENCE 1 (bases 1 to 19)  
 AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.  
 TITLE Ballelic markers for use in constructing a high density  
 JOURNAL disequilibrium map of the human genome  
 Patent: US 6537751-A 7139 25-MAR-2003;  
 Location/Qualifiers  
 1.19  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
 Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 290 CTCCTCTCTGCTGTTCT 307  
 DB 19 CTCCTCTCTGCTGTTCT 2

RESULT 730  
 LOCUS AR295565 19 bp DNA linear PAT 12-JUN-2003  
 DEFINITION Sequence 7300 from patent US 6537751.  
 ACCESSION AR295565  
 VERSION AR295565.1 GI:31682849  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 Unclassified.

REFERENCE 1 (bases 1 to 19)  
 AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.  
 TITLE Ballelic markers for use in constructing a high density  
 JOURNAL disequilibrium map of the human genome  
 Patent: US 6537751-A 7300 25-MAR-2003;  
 Location/Qualifiers  
 1.19  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
 Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5063 CCTTTCTTCTCTATCTCT 5080  
 DB 19 CCTTTCTTCTCTCTCTT 2

RESULT 731  
LOCUS AX037082 19 bp DNA linear PAT 16-NOV-2000  
DEFINITION Sequence 31 from Patent WO057900.  
ACCESSION AX037082  
VERSION AX037082.1 GI:11226508  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1 Maden,M. and Corcoran,J.P.  
AUTHORS  
TITLE Factor  
JOURNAL Patent: WO 0057900-A 31 05-OCT-2000;  
KING S COLLEGE LONDON (GB) ; MADEN MALCOLM (GB) ; CORCORAN JONATHAN  
PATRICK THOM (GB)  
FEATURES  
source  
1.19  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence:oligonucleotide primer"  
Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 121 GAGCCGCTCATTCACCC 138  
|||  
2 GAGCAGTTCATTCACCC 19  
|||  
RESULT 732  
LOCUS AX130767 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 1985 from Patent WO0130362.  
ACCESSION AX130767  
VERSION AX130767.1 GI:14137072  
KEYWORDS  
SOURCE  
ORGANISM  
Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
1 Robbins,J.M. and Tritz,R.  
AUTHORS  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye  
JOURNAL diseases  
Patent: WO 0130362-A 1985 03-MAY-2001;  
IMMUSOL, INC. (US)  
FEATURES  
source  
1.19  
Location/Qualifiers  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Cyclin D3 ribozyme binding site"  
Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3053 GGGGAGATCAAGCTGCA 3070  
|||  
1 GCGGAGATCAAGCTGCA 18  
|||  
RESULT 733  
LOCUS AX132619 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 3837 from Patent WO0130362.  
ACCESSION AX132619  
VERSION AX132619.1 GI:14138924  
KEYWORDS

SOURCE  
ORGANISM  
Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
1 Robbins,J.M. and Tritz,R.  
AUTHORS  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye  
JOURNAL diseases  
Patent: WO 0130362-A 3837 03-MAY-2001;  
IMMUSOL, INC. (US)  
FEATURES  
source  
1.19  
Location/Qualifiers  
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/db\_xref="taxon:9606"  
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Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1592 GGAACGAGAGAGAGA 1609  
|||  
19 GGAACGAGAGAGAGA 2  
|||  
RESULT 734  
LOCUS AX132621/c 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 3839 from Patent WO0130362.  
ACCESSION AX132621  
VERSION AX132621.1 GI:14138926  
KEYWORDS  
SOURCE  
ORGANISM  
Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
1 Robbins,J.M. and Tritz,R.  
AUTHORS  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye  
JOURNAL diseases  
Patent: WO 0130362-A 3839 03-MAY-2001;  
IMMUSOL, INC. (US)  
FEATURES  
source  
1.19  
Location/Qualifiers  
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/db\_xref="taxon:9606"  
/note="Cdcd25 hs ribozyme binding site"  
Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1589 GGTGAACAGAGAGCA 1606  
|||  
19 GCGGAAACAGAGAGCA 2  
|||  
RESULT 735  
LOCUS AX268273 19 bp DNA linear PAT 29-OCT-2001  
DEFINITION Sequence 67 from Patent WO0175135.  
ACCESSION AX268273  
VERSION AX268273.1 GI:16541530  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.  
REFERENCE  
1 Kingman,A.J., Maden,M.B. and Corcoran,J.B.  
AUTHORS  
TITLE Retinoic acid receptor beta-2, its antagonists, and gene therapy  
vectors for the treatment of neurological disorders

JOURNAL Patent: WO 0175135-A 67 11-OCT-2001;  
Oxford Biomedica (UK) Limited (GB)

FEATURES  
source location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 121 GAGCGGTCATTCACCC 138  
DB 2 GAGCAGTCATTCACCC 19

RESULT 736  
BD002098/c 19 bp DNA linear PAT 31-JAN-2002  
LOCUS BD002098  
DEFINITION Method and kit for detection of specific nucleotide sequence.  
ACCESSION BD002098  
VERSION BD002098.1 GI:18628838  
KEYWORDS JP 2000189198-A/19.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1 (bases 1 to 19)  
AUTHORS Ehrlich,H.A., Horne,G.T., Saiki,R.K. and Marie,C.B.  
TITLE Method and kit for detection of specific nucleotide sequence  
JOURNAL Patent: JP 2000189198-A 19 11-JUL-2000;  
F HOFFMANN LA ROCHE AG  
OS Artificial Sequence  
PN JP 2000189198-A/19  
PD 11-JUL-2000  
PF 24-FEB-2000 JP 2000052306  
PR 13-MAR-1986 US 839331,22-AUG-1986 US 899344 PI  
HENRY ANTHONY EHRLICH, GLENN THOMAS HORNE, RANDALL KEICHI SAIKI, PI  
CURRY BANKS MARIS  
PC C1201/68//C12N15/09, C12N15/00

FEATURES  
source location/Qualifiers  
1. .19  
/organism="Artificial Sequence".  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 468 TCCTGGGGGTGCTGCCG 485  
DB 18 TGCTGGGGGTGCTGCCG 1

RESULT 737  
BD002141/c 19 bp DNA linear PAT 31-JAN-2002  
LOCUS BD002141  
DEFINITION Method and kit for detection of specific nucleotide sequence.  
ACCESSION BD002141  
VERSION BD002141.1 GI:18628881  
KEYWORDS JP 2000189199-A/19.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Ehrlich,H.A., Horne,G.T., Saiki,R.K. and Marie,C.B.  
TITLE Method and kit for detection of specific nucleotide sequence

JOURNAL Patent: JP 2000189199-A 19 11-JUL-2000;  
F HOFFMANN LA ROCHE AG  
OS Artificial Sequence  
PN JP 2000189199-A/19  
PD 11-JUL-2000  
PF 24-FEB-2000 JP 2000052307  
PR 13-MAR-1986 US 839331,22-AUG-1986 US 899344 PI  
HENRY ANTHONY EHRLICH, GLENN THOMAS HORNE, RANDALL KEICHI SAIKI, PI  
CURRY BANKS MARIS  
PC C1201/68//C12N15/09, C12N15/00

FEATURES  
source location/Qualifiers  
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/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 7.8e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 468 TCCTGGGGGTGCTGCCG 485  
DB 18 TGCTGGGGGTGCTGCCG 1

RESULT 738  
AR015996/c 20 bp DNA linear PAT 05-DEC-1998  
LOCUS AR015996  
DEFINITION Sequence 16 from patent US 5776672.  
ACCESSION AR015996  
VERSION AR015996.1 GI:3972273  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Hashimoto,K., Ito,K., Ishimori,Y. and Gotoh,M.  
TITLE Gene detection method  
JOURNAL Patent: US 5776672-A 16 07-JUL-1998;  
FEATURES location/Qualifiers  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 536 CAACATCACCGCTCCAA 553  
DB 19 CAACACCACTGCTCCAA 2

RESULT 739  
AR042899/c 20 bp DNA linear PAT 29-SEP-1999  
LOCUS AR042899  
DEFINITION Sequence 6 from patent US 5811636.  
ACCESSION AR042899  
VERSION AR042899.1 GI:5963395  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Hanna,W.W., Ozias-Akins,P. and Dujardin,M.  
TITLE Apomixis for producing true-breeding plant progenies  
JOURNAL Patent: US 5811636-A 6 22-SEP-1998;  
FEATURES location/Qualifiers  
source 1. .20

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/organism="unknown"
/mol_type="unassigned DNA"
Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4700 TCCAGCTTCAGTACACA 4717
Db      19 TCCAGATTGACAGACACA 2

RESULT 740
LOCUS      AR082037      20 bp      DNA      linear      PAT 31-AUG-2000
DEFINITION Sequence 16 from patent US 5972692.
ACCESSION  AR082037
VERSION    AR082037.1  GI:10008763
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Hashimoto,K., Ito,K. and Ishimori,Y.
TITLE     Gene detection method
JOURNAL   Patent: US 5972692-A 16 26-OCT-1999;
FEATURES   Location/Qualifiers
            1..20
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      536 CAACATACCCGCTCCAA 553
Db      19 CAACACCACTGCTCCAA 2

RESULT 741
LOCUS      AR103906      20 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION Sequence 18 from patent US 6087489.
ACCESSION  AR103906
VERSION    AR103906.1  GI:12815494
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Dean,N.M.
TITLE     Antisense oligonucleotide modulation of human thymidylate synthase
JOURNAL   Patent: US 6087489-A 18 11-UTL-2000;
FEATURES   Location/Qualifiers
            1..20
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3788 GGGCAGGGCGGGCGGCG 3805
Db      3 GGGCCGGGGCGGGCGGCG 20

RESULT 742
LOCUS      AR122490      20 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION Sequence 44 from patent US 6165728.
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ACCESSION  AR122490
VERSION    AR122490.1  GI:14106807
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Ward,D.T. and Cowseert,L.M.
TITLE     Antisense modulation of NCK-2 expression
JOURNAL   Patent: US 6165728-A 44 26-DEC-2000;
FEATURES   Location/Qualifiers
            1..20
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            /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3542 GACGAAGCCCGAGATGTT 3559
Db      1 GACGAAGCCCGAGATGTT 18

RESULT 743
LOCUS      AR124453      20 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION Sequence 22 from patent US 6171860.
ACCESSION  AR124453
VERSION    AR124453.1  GI:14109814
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Baker,B.F. and Cowseert,L.M.
TITLE     Antisense inhibition of rank expression
JOURNAL   Patent: US 6171860-A 22 09-JAN-2001;
FEATURES   Location/Qualifiers
            1..20
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      684 AATGAGATGATTAATTC 701
Db      19 AATGAGAGAGATTAATGC 2

RESULT 744
LOCUS      AR126672      20 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION Sequence 101 from patent US 6180353.
ACCESSION  AR126672
VERSION    AR126672.1  GI:14113265
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Dean,N.M. and Cowseert,L.M.
TITLE     Antisense modulation of daxx expression
JOURNAL   Patent: US 6180353-A 101 30-JAN-2001;
FEATURES   Location/Qualifiers
            1..20
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3519 CTGCTCAGAGAGCCTG 3536  
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Db 19 CTGCTCAGAGAGCCTG 2

RESULT 745  
ARI29636/c  
LOCUS ARI29636 20 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 40 from patent US 6187545.  
ACCESSION ARI29636  
VERSION ARI29636.1 GI:14117533  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS McKay, R., Butler, M.M., Wyatt, J. and Cowse, L.M.  
TITLE Antisense modulation of pepck-cytosolic expression  
JOURNAL Patent: US 6187545-A 40 13-FEB-2001;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1851 GTGATCGGACCCCAAGAG 1868  
|||||  
Db 19 GTTATCGTCACCCCAAGAG 2

RESULT 746  
ARI57118  
LOCUS ARI57118 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 35 from patent US 6242590.  
ACCESSION ARI57118  
VERSION ARI57118.1 GI:15125822  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cowse, L.M.  
TITLE Antisense modulation of zinc finger protein-217 expression  
JOURNAL Patent: US 6242590-A 35 05-JUN-2001;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1305 AGCCACTGACAGCCTG 1322  
|||||  
Db 1 AGCCAGCTGCCAGCCTG 18

RESULT 747  
ARI67146/c  
LOCUS ARI67146 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 7 from patent US 6284463.  
ACCESSION ARI67146  
VERSION ARI67146.1 GI:16243623  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Hasebe, M., Goto, M. and Tosu, M.  
TITLE Method for detection of mutations  
JOURNAL Patent: US 6284463-A 7 04-SEP-2001;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

REFERENCE 1 (bases 1 to 20)  
AUTHORS Hasebe, M., Goto, M. and Tosu, M.  
TITLE Method for detection of mutations  
JOURNAL Patent: US 6284463-A 7 04-SEP-2001;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 536 CAACATCACCCGCTCCA 553  
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Db 19 CAACACCACTGCTCCA 2

RESULT 748  
ARI67147  
LOCUS ARI67147 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 8 from patent US 6284463.  
ACCESSION ARI67147  
VERSION ARI67147.1 GI:16243625  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Hasebe, M., Goto, M. and Tosu, M.  
TITLE Method for detection of mutations  
JOURNAL Patent: US 6284463-A 8 04-SEP-2001;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 536 CAACATCACCCGCTCCA 553  
|||||  
Db 2 CAACACCACTGCTCCA 19

RESULT 749  
ARI68623/c  
LOCUS ARI68623 20 bp DNA linear PAT 17-DEC-2001  
DEFINITION Sequence 86 from patent US 6287860.  
ACCESSION ARI68623  
VERSION ARI68623.1 GI:17904638  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Mont, B.P., Gaarde, M., Ward, D.T., Freier, S.M. and Wyatt, J.  
TITLE Antisense inhibition of MEK2 expression  
JOURNAL Patent: US 6287860-A 86 11-SEP-2001;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4426 TTAATAATTAATGACC 4443  
|||||  
Db 18 TTAATAATTAATATATCC 1

RESULT 750  
ARI172944/c 20 bp DNA linear PAT 17-DEC-2001  
LOCUS Sequence 69 from patent US 6303374.  
DEFINITION ARI172944  
ACCESSION ARI172944  
VERSION ARI172944.1 GI:17912435  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Zhang, H. and Covert, L.M.  
TITLE Antisense modulation of caspase 3 expression  
JOURNAL Patent: US 6303374-A 69 16-OCT-2001;  
FEATURES  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4423 ATATTATATATATATG 4440  
Db 20 AAATATATATATATATG 3

RESULT 751  
BD182078/c 20 bp DNA linear PAT 15-MAY-2003  
LOCUS BD182078  
DEFINITION von Willebrand factor (vWF)-cleaving enzyme.  
ACCESSION BD182078.1 GI:30792996  
VERSION WO 02088366-A/9.  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
1 (bases 1 to 20)  
Soejima, K., Mimura, N., Maeda, H., Nozaki, C., Hamamoto, T. and  
Nakagaki, T.  
TITLE von Willebrand factor (vWF)-cleaving enzyme  
JOURNAL Patent: WO 02088366-A 9 07-NOV-2002;  
JURIDICAL FOUNDATION THE CHEMO SERO THERAPEUTIC RESEARCH INSTITUTE,  
KENJI SOEJIMA, NORIKO MIMURA, HIROAKI MAEDA, CHIKATERU NOZAKI,  
TAKAYOSHI HAMAMOTO, TOMOHIRO NAKAGAKI  
COMMENT OS Homo sapiens (human)  
PN WO 02088366-A/9  
PD 07-NOV-2002  
PR 25-APR-2002 WO 2002JP004141  
PR 25-APR-2001 JP 01P 128442-27-JUL-2001 JP 01P 227510 PR  
28-SEP-2001 JP 01P 302977,25-JAN-2002 JP 02P 01596 PI KENJI  
SOEJIMA, NORIKO MIMURA, HIROAKI MAEDA, CHIKATERU NOZAKI, PI  
TAKAYOSHI HAMAMOTO, TOMOHIRO NAKAGAKI  
PC C12N15/57, C12N9/50, C12P21/00, A01K67/027, C12N1/15, C12N1/19, PC  
C12N1/21,  
PC C12N15/00, A61K38/46, A61P7/02, A61P43/00, A61K45/00, A61K48/00, PC  
A61K31/71,  
PC G01N33/573, G01N33/573, G01N33/15, G01N33/50  
CC von Willebrand factor (vWF)-cleaving enzyme  
FH Key Location/Qualifiers  
FT source 1..20  
/organism="Homo sapiens (human)".  
FEATURES  
source 1..20  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 842 CGACCTGAGGAGCAGC 859  
Db 18 CAACCTGAGGAGCAGC 1

RESULT 752  
BD190249 20 bp DNA linear PAT 17-JUL-2003  
LOCUS BD190249  
DEFINITION Method for amplifying an non-cyclic nucleic acid fragments of  
interest.  
ACCESSION BD190249.1 GI:32999988  
VERSION BD190249.1 GI:32999988  
KEYWORDS WO 03004642-A/6.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Yamane, A.  
TITLE Method for amplifying an non-cyclic nucleic acid fragments of  
JOURNAL Patent: WO 03004642-A 6 16-JAN-2003;  
WAKUNAGA PHARMACEUTICAL CO LTD, AKIO YAMANE  
COMMENT OS Artificial Sequence  
PN WO 03004642-A/6  
PD 16-JAN-2003  
PR 08-JUL-2002 WO 2002JP006911  
PR 06-JUL-2001 JP 01P 206389  
PI AKIO YAMANE  
PC C12N15/09, C12Q1/68  
CC Description of Artificial Sequence: primer  
FH Key Location/Qualifiers  
FT source 1..20  
/organism="Artificial Sequence".  
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source 1..20  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1356 CTCGACGAGGCTCTGAG 1373  
Db 1 CTCGACGAGGCTCTGAG 18

RESULT 753  
BD223201 20 bp DNA linear PAT 17-JUL-2003  
LOCUS BD223201  
DEFINITION Human CCR-2 gene polymorphism.  
ACCESSION BD223201.1 GI:33032971  
VERSION BD223201.1 GI:33032971  
KEYWORDS JP 2002521063-A/14.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
1 (bases 1 to 20)  
Smith, J.C., Anand, R. and Morten, J.E.N.  
TITLE Human CCR-2 gene polymorphism  
JOURNAL Patent: JP 2002521063-A 14 16-JUL-2002;  
ASTRAZENCA AB  
COMMENT OS Homo sapiens (human)  
PN JP 2002521063-A/14  
PD 16-JUL-2002  
PR 25-JUL-1999 JP 2000562551  
PR 25-JUL-1998 GB 9816193.8, 28-JAN-1999 GB 9901844.2 PI  
JOHN CRAIG SMITH, RAKESH ANAND, JOHN EDWARD MORRIS, MORTEN PC  
C12N15/09, A61K45/00, C12Q1/68//A61P19/02, A61P29/00, C12N15/00 CC  
Human CCR-2 gene polymorphism

FEATURES  
source  
FH Key Location/Qualifiers  
FT source 1..20 /organism="Homo sapiens (human)".  
Location/Qualifiers  
1..20 /organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1010 ACTGCAAGCATGAC 1027  
DB 3 ACTGCAAGCCTGCACAC 20

RESULT 754  
LOCUS CQ796870 20 bp DNA linear PAT 19-APR-2004  
DEFINITION Sequence 1 from Patent WO2004027372.  
ACCESSION CQ796870  
VERSION CQ796870.1 GI:46408497  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE  
1 Gauchier-Rouviere,C., charrasse Poulat,S. and Commune,F.  
TITLE Method for diagnosing rhabdomyosarcoma and pharmaceutical  
compositions for the treatment and/or prevention of  
rhabdomyosarcoma  
Patent: WO 2004027372-A 1 01-APR-2004;  
JOURNAL CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)  
FEATURES  
source  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"  
misc\_feature  
1..20 /note="Amorce sens pour amplificateur sp ciffiquement la R-cach  
rins"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3341 CGACCAGCGCCCAAGA 3358  
DB 2 CGACCAGCCCCCATGA 19

RESULT 755  
LOCUS CQ814565 20 bp DNA linear PAT 24-MAY-2004  
DEFINITION Sequence 2 from Patent WO2004040016.  
ACCESSION CQ814565  
VERSION CQ814565.1 GI:47603748  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
1 Kalsi,G., Mcquillan,A., Gurling,H.M., Degen,B., Mors,O., Kruse,T.,  
AUTHORS Ewald,H.D. and Lundorf,M.D.  
TITLE Genetic markers  
JOURNAL Patent: WO 2004040016-A 2 13-MAY-2004;  
UCL Biomedica PLC (GB)  
FEATURES  
source  
1..20 Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"  
/note="Oligonucleotide"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 934 AGGTCCTTTTCAACG 951  
DB 2 AGGTCCTTTTCAATG 19

RESULT 756  
LOCUS E22407/c 20 bp DNA linear PAT 18-JUN-2001  
DEFINITION Antisense nucleic acid compound.  
ACCESSION E22407  
VERSION E22407.1 GI:13024050  
KEYWORDS JP 1999042091-A/9.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE  
1 (bases 1 to 20)  
AUTHORS Kinya,K., Yoko,M. and Kiyoshi,U.  
TITLE Antisense nucleic acid compound  
JOURNAL Patent: JP 1999042091-A 9 16-FEB-1999;  
TOAGOSEI CHEM. IND CO LTD  
OS Unidentified  
PN JP 1999042091-A/9  
PD 16-FEB-1999  
PF 25-JUL-1997 JP 1997213838  
PR  
PI KINYA KAMIYA,YOKO MATSUDA,KIYOSHI UCHIDA  
PC C12N15/09,A61K31/70,A61K48/00,C1201/68,C12N15/00 CC  
Strandedness: Single;  
CC Topology: Linear;  
FH Key Location/Qualifiers  
FT source 1..20 /organism="unidentified".  
FT Location/Qualifiers  
1..20 /organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 267 CCCCTCTCTCTTC 284  
DB 20 CCCGTCCTCTCTCTC 3

RESULT 757  
LOCUS E29956/c 20 bp DNA linear PAT 18-JUN-2001  
DEFINITION HIV cofactor inhibitor.  
ACCESSION E29956  
VERSION E29956.1 GI:13021351  
KEYWORDS JP 1999292795-A/110.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE  
1 (bases 1 to 20)  
AUTHORS Hiroshi,T., Naoki,Y., Toru,K., Kazuyuki,T. and Akira,W.  
TITLE HIV cofactor inhibitor  
JOURNAL Patent: JP 1999292795-A 110 26-OCT-1999;  
YAMANOUCHI PHARMACEUT CO LTD  
OS Unidentified  
PN JP 1999292795-A/110  
PD 26-OCT-1999  
PF 02-APR-1998 JP 1998125452

PR HIROSHI TAKAHISA, NAOKI YAMAMOTO, TORU KIMURA, KAZUYUKI TAKAI, PI  
AKIRA WADA  
PC A61K48/00,A61K31/70,A61K31/70,C12N15/09,C12N15/00 CC  
FH key Location/Qualifiers  
FT source 1..20 /organism='unidentified',  
Location/Qualifiers  
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/mol\_type='genomic DNA'  
/db\_xref='taxon:32644'

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2361 GACCAGCTGCTCACAGAG 2378  
DB 19 GACCCCTGCTCACAGAG 2

RESULT 758  
LOCUS AR203132 20 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 51 from patent US 6365354.  
ACCESSION AR203132  
VERSION AR203132.1 GI:21499442  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.Frank. and Wyratt,J.  
TITLE Antisense modulation of typhospholipase I expression  
JOURNAL Patent: US 6365354-A 51 02-APR-2002;  
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source 1..20  
/organism='unknown'  
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Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1927 CCAGTGTGACTTTAAAA 1944  
DB 18 CCAATGTGACCTTTAAA 1

RESULT 759  
LOCUS AR216664 20 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 8 from patent US 6410722.  
ACCESSION AR216664  
VERSION AR216664.1 GI:23315302  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Price,G.B., Zannis-Hadjopoulos,M., Nielsen,T.O. and Cosseane,N.H.  
TITLE Human and mammalian data replication origin consensus sequences  
JOURNAL Patent: US 6410722-A 8 25-JUN-2002;  
FEATURES  
source 1..20  
/organism='unknown'  
/mol\_type='genomic DNA'

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 237 GTGTATGACGCGGTGAC 254  
DB 2 GTGTATGACGCGGTGATC 19

RESULT 760  
LOCUS AR311333 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 1870 from patent US 6559294.  
ACCESSION AR311333  
VERSION AR311333.1 GI:31704759  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Griffais,R., Holseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,  
Sankaran,B. and Fletcher,L.D.  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 1870 06-MAY-2003;  
FEATURES  
source 1..20  
/organism='unknown'  
/mol\_type='genomic DNA'

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4947 ATGTATTCCATCGTCTG 4964  
DB 19 ATGCTTCCATCGAGCTG 2

RESULT 761  
LOCUS AR311956 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 2493 from patent US 6559294.  
ACCESSION AR311956  
VERSION AR311956.1 GI:31705382  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Griffais,R., Holseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,  
Sankaran,B. and Fletcher,L.D.  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 2493 06-MAY-2003;  
FEATURES  
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/organism='unknown'  
/mol\_type='genomic DNA'

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2251 ACCCTTTCGTTGGGG 2268  
DB 3 ACCCTTTCGATTGGGG 20

RESULT 762  
LOCUS AR315513 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 6050 from patent US 6559294.  
ACCESSION AR315513  
VERSION AR315513.1 GI:31708939  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Price,G.B., Zannis-Hadjopoulos,M., Nielsen,T.O. and Cosseane,N.H.  
TITLE Human and mammalian data replication origin consensus sequences  
JOURNAL Patent: US 6410722-A 8 25-JUN-2002;  
FEATURES  
source 1..20  
/organism='unknown'  
/mol\_type='genomic DNA'

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

REFERENCE 1 (bases 1 to 20)  
AUTHORS Griffiths, R., Hoiseeth, S.K., Zagureky, R.J., Metcalf, B.J., Peek, J.A.,  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 6050 06-MAY-2003;  
FEATURES  
SOURCE 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2857 CTCTTCCAAAGCTGAAGC 2874  
Db 1 CTCTTCCAAAGCCGAATC 18

RESULT 763  
AR337110/c  
LOCUS AR337110 20 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 35 from patent US 6566135.  
ACCESSION AR337110  
VERSION AR337110.1 GI:33722964  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Watt, A.T.  
TITLE Antisense modulation of caspase 6 expression  
JOURNAL Patent: US 6566135-A 35 20-MAY-2003;  
FEATURES  
SOURCE 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 38 GCAGAGAACCACTTCTC 55  
Db 20 GCAGAGAACTACTGCTC 3

RESULT 764  
AR340820  
LOCUS AR340820 20 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 16 from patent US 6573069.  
ACCESSION AR340820  
VERSION AR340820.1 GI:33732663  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Holloway, J.L., Gao, Z. and Whitmore, T.E.  
TITLE Crib protein ZMS1  
JOURNAL Patent: US 6573069-A 16 03-JUN-2003;  
FEATURES  
SOURCE 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 563 GCTGCTTTCCAGACAGG 580  
Db 3 GCTGCATCCAGACAGG 20

RESULT 765  
AR350286/c  
LOCUS AR350286 20 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 63 from patent US 6586245.  
ACCESSION AR350286  
VERSION AR350286.1 GI:33751257  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett, C.F., Baker, B.F., Wyatt, J. and Davis, S.E.  
TITLE Antisense modulation of CD40 ligand expression  
JOURNAL Patent: US 6586245-A 63 01-JUL-2003;  
FEATURES  
SOURCE 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 278 CTTTCTCTCTCTCTCTCT 295  
Db 20 CTTTCAGTCTCTCTCTCT 3

RESULT 766  
AR397425/c  
LOCUS AR397425 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 28 from patent US 6617162.  
ACCESSION AR397425  
VERSION AR397425.1 GI:40134239  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Dobie, K.W. and Roach, M.P.  
TITLE Antisense modulation of estrogen receptor alpha expression  
JOURNAL Patent: US 6617162-A 28 09-SEP-2003;  
FEATURES  
SOURCE 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3729 CCCGCAAGCAGGTGCC 3746  
Db 20 CACGGCCAGCAGGTGCC 3

RESULT 767  
AR428436/c  
LOCUS AR428436 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 14 from patent US 6642003.  
ACCESSION AR428436  
VERSION AR428436.1 GI:40187902  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Perfetti, R.  
TITLE Human glucose-dependent insulin-secreting cell line  
JOURNAL Patent: US 6642003-A 14 04-NOV-2003;  
FEATURES  
SOURCE Location/Qualifiers

source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 TTCGAGCAGTCGCAAGC 1019  
DB 19 TTCACCACTGCAAGC 2

RESULT 768  
AR493059/c AR493059 20 bp DNA linear PAT 15-MAY-2004  
DEFINITION Sequence 91 from patent US 6720137.  
ACCESSION AR493059  
VERSION AR493059.1 GI:47264443  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Roder, M., Plaschke, J. and Ganai, M.  
TITLE Microsatellite markers for plants of the species *Triticum aestivum*  
and *Triticum turgidum* and the use of said markers  
JOURNAL Patent: US 6720137-A 91 13-APR-2004;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 264 CCCCCCTCTCTCTCTT 281  
DB 20 CCTCTCTCTCTCTCTGT 3

RESULT 769  
AX006766 AX006766 20 bp DNA linear PAT 06-SEP-2000  
LOCUS Sequence 15 from Patent W00003013.  
ACCESSION AX006766  
VERSION AX006766.1 GI:9994808  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Legwater, A.C., Van der Vliet, H.N., Chamuleau, R.A. and Groenink, M.  
TITLE Gene and protein involved in liver regeneration  
JOURNAL Patent: WO 0003013-A 15 20-JAN-2000;  
AMSTERDAM MOLECULAR THERAPEUTIC (NL); CHAMULEAU ROBERT ANTOINE FRANC  
(NL); GROENINK MARTIJN (NL)  
FEATURES  
source 1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer R1170RAP"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 67 TGCTGCTAGGCGCATGCT 84  
DB 2 TGCTATTTAGGCGCATGCT 19

RESULT 770  
AX141253 AX141253 20 bp DNA linear PAT 31-MAY-2001  
LOCUS Sequence 16 from Patent W00134803.  
DEFINITION AX141253  
ACCESSION AX141253  
VERSION AX141253.1 GI:14281489  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Holloway, J.L., Gao, Z. and Whitmore, T.E.  
TITLE Crib protein zmsel  
JOURNAL Patent: WO 0134803-A 16 17-MAY-2001;  
ZymoGenetics, Inc. (US)  
FEATURES  
source 1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide primer ZC19270"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 563 GCTGCTTTCCGACGACG 580  
DB 3 GCTGATCCCGACGACG 20

RESULT 771  
AX149225 AX149225 20 bp DNA linear PAT 08-JUN-2001  
LOCUS Sequence 427 from Patent W00136625.  
DEFINITION AX149225  
ACCESSION AX149225  
VERSION AX149225.1 GI:14347749  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Wright, J.A., Young, A.H. and Dugourd, D.  
TITLE Antisense oligonucleotide sequences derived from groel and groes as  
inhibitors of microorganisms  
JOURNAL Patent: WO 0136625-A 427 25-MAY-2001;  
Genesense Technologies Inc. (CA)  
FEATURES  
source 1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1669 TTCGACGACGATGAGA 1686  
DB 18 TTCGACGACGATGAGA 1

RESULT 772  
AX167126 AX167126 20 bp DNA linear PAT 03-JUL-2001  
LOCUS Sequence 13 from Patent W00144455.  
DEFINITION AX167126  
ACCESSION AX167126  
VERSION AX167126.1 GI:14596614  
KEYWORDS  
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
1 Berli, R.  
Antisense oligonucleotides  
Patent: WO 0144455-A 13 21-JUN-2001;  
Astrazeneca AB (SE)

FEATURES  
Source  
1..20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Antisense oligonucleotide"

Query Match  
0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 3370 GGCCCTGCGAGGAGAA 3387  
18 GGCCCTGCTGCGAGAAA 1

RESULT 773  
AX292886 20 bp DNA linear PAT 21-NOV-2001  
LOCUS  
DEFINITION Sequence 4648 from Patent WO0179548.  
ACCESSION AX292886  
VERSION AX292886.1 GI:17054569  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE  
1 Barany, F., Zivri, M., Gerry, N.P., Favis, R. and Kliman, R.  
METHOD of designing addressable array for detection of nucleic acid  
sequence differences using ligase detection reaction  
Patent: WO 0179548-A 4648 25-OCT-2001;  
CORNELL RESEARCH FOUNDATION, INC. (US)

FEATURES  
Source  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match  
0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 597 CTCGTGCGTCCAGCGAG 614  
2 CTGGTGGCTGCCAGCCAG 19

RESULT 774  
AX298910 20 bp DNA linear PAT 26-NOV-2001  
LOCUS  
DEFINITION Sequence 544 from Patent WO0183749.  
ACCESSION AX298910  
VERSION AX298910.1 GI:17128900  
KEYWORDS  
SOURCE Mus sp.  
ORGANISM Mus sp.  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE  
1 Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S.,  
Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G.  
Gene and sequence variation associated with sensing carbohydrate  
compounds and other sweeteners  
Patent: WO 0183749-A 544 08-NOV-2001;

JOURNAL

WARNER-LAMBERT COMPANY (US) ; The Monell Chemical Senses Center  
(US)

FEATURES  
Source  
1..20  
/organism="Mus sp."  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10095"

Query Match  
0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 4247 GTGAGGCTTAGCACCAG 4264  
20 GTGAGGCTTAGCACCAG 3

RESULT 775  
AX375448 20 bp DNA linear PAT 01-MAR-2002  
LOCUS  
DEFINITION Sequence 25 from Patent WO0198330.  
ACCESSION AX375448  
VERSION AX375448.1 GI:19170039  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE  
1 Lannoy, V., Brezillon, S., Detheux, M., Parmentier, M. and Govarts, C.  
A recombinant cell line expressing spectrx1 as a functional receptor  
validated by angiotensin and useful for screening of agonists and  
antagonists  
Patent: WO 0198330-A 25 27-DEC-2001;  
Euroscreen S.A. (BE)

FEATURES  
Source  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="GPCRxl sense primer"

Query Match  
0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 1245 CTCGTGCGTCCAGTCTCAG 1262  
3 CTCGTGCTAGCTCTCAG 20

RESULT 776  
AX462660 20 bp DNA linear PAT 15-JUN-2002  
LOCUS  
DEFINITION Sequence 404 from Patent EP1217079.  
ACCESSION AX462660  
VERSION AX462660.1 GI:21885873  
KEYWORDS  
SOURCE Aegilops tauschii  
ORGANISM Aegilops tauschii  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;  
Poideae; Triticeae; Aegilops.

REFERENCE  
1 Bernard, M., Sourdil, P. and Guyomarch, H.  
Microsatellite markers from Triticum tauschii  
Patent: EP 1217079-A 404 26-JUN-2002;  
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)

FEATURES  
Source  
1..20  
/organism="Aegilops tauschii"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:37682"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2378 GAGGAGGAGCAAGCT 2395  
|||||  
Db 20 GAGGAGGAGCAAGAT 3

RESULT 777  
AX644646/c 20 bp DNA linear PAT 27-FEB-2003  
LOCUS  
DEFINITION Sequence 4 from Patent WO02095399.  
ACCESSION AX644646  
VERSION AX644646.1 GI:28610654  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source

1  
Zheng, M.H. and Xu, J.  
Method for certifying chondrocytes for use in cartilage  
regeneration  
Patent: WO 02095399-A 4 28-NOV-2002;  
Verigen Transplantation Service International (VTSI) AG (DE)  
Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR reverse primer for collagen II"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2990 AGAAGCGACCTGCCAT 3007  
|||||  
Db 18 AGAAGCACTGCTGCCAT 1

RESULT 778  
AX662808 20 bp DNA linear PAT 22-MAR-2003  
LOCUS  
DEFINITION Sequence 19 from Patent WO02061134.  
ACCESSION AX662808  
VERSION AX662808.1 GI:29163389  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source

1  
Rouillon, I.B. and Chang, B.D.  
Reagents and methods for identifying and modulating expression of  
tumor suppressor genes  
Patent: WO 02061134-A 19 08-AUG-2002;  
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS (US)  
Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1451 GCAGCTCAAGTCGACGT 1468  
|||||  
Db 1 GCAGCTCAAGTCACAT 18

RESULT 779  
AX700804 20 bp DNA linear PAT 03-APR-2003  
LOCUS  
DEFINITION Sequence 14 from Patent WO03012084.  
ACCESSION AX700804  
VERSION AX700804.1 GI:29536600  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source

1  
Homo sapiens (human)  
Homo sapiens  
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
Perfetti, R.  
Human glucose-dependent insulin-secreting cell line  
Patent: WO 03012084-A 14 13-FEB-2003;  
Cedars-Sinai Medical Center (US)  
Location/Qualifiers  
1. .20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 TTCAGCGACTGCAAGC 1019  
|||||  
Db 19 TTCACCACTGCAAGC 2

RESULT 780  
AX708761 20 bp DNA linear PAT 04-APR-2003  
LOCUS  
DEFINITION Sequence 86 from Patent WO02074991.  
ACCESSION AX708761  
VERSION AX708761.1 GI:29564491  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source

1  
Karlsen, F.  
Detection of microorganisms using inducible genes  
Patent: WO 02074991-A 86 26-SEP-2002;  
Norchip A/S (NO)  
Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3338 CTACGACGACGCCCA 3355  
|||||  
Db 3 CTACGACGACGCCCA 20

RESULT 781  
AX823722 20 bp DNA linear PAT 11-DEC-2003  
LOCUS  
DEFINITION Sequence 7 from Patent WO03070758.  
ACCESSION AX823722  
VERSION AX823722.1 GI:39750069  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1

1  
synthetic construct  
synthetic construct  
artificial sequences.



AUTHORS Liou,J.R.  
TITLE Regulation of human cation transport atpase-like protein  
JOURNAL Patent: WO 03070758-A 7 28-AUG-2003;  
Bayer Aktiengesellschaft (DE)  
FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer2"  
Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
OY 1319 CCTGTCATTCATTCATGA 1336  
DB 18 CCTGCTCATTCACAGTGA 1  
RESULT 782  
AX938858/c 20 bp DNA linear PAT 07-JAN-2004  
LOCUS AX938858  
DEFINITION Sequence 303 from Patent EP1365034.  
ACCESSION AX938858  
VERSION AX938858.1 GI:40733238  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.  
REFERENCE  
1 Wirtz,R., Munnes,M. and Kallabis,H.  
METHODS Methods and compositions for the prediction, diagnosis, prognosis,  
prevention and treatment of malignant neoplasia  
JOURNAL Patent: EP 1365034-A 303 26-NOV-2003;  
Bayer Healthcare AG (DE)  
FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="D1782011 forward primer"  
Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
OY 3814 GCCAAGGAGAGCCCAAGA 3831  
DB 19 GCTACGGAGAGCCCAAGA 2  
RESULT 783  
BD023619 20 bp DNA linear PAT 27-AUG-2002  
LOCUS BD023619  
DEFINITION DNA replication origin consensus sequence of human and mammals.  
ACCESSION BD023619  
VERSION BD023619.1 GI:22564842  
KEYWORDS JP 2001506498-A/8.  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.  
1 (bases 1 to 20)  
REFERENCE  
1 Price,G.B., Hadjopoulos,M.Z., Nielsen,T.O. and Coosons,N.H.  
DNA replication origin consensus sequence of human and mammals  
Patent: JP 2001506498-A 8 22-MAY-2001;  
MAGGILL UNIVERSITY  
COMMENT  
OS Artificial Sequence  
PN JP 2001506498-A/8  
PD 22-MAY-2001  
PF 12-DEC-1997 JP 1998527137  
PR 16-DEC-1996 US 60/033374.21-MAY-1997 US 60/047322 P1  
GERALD B PRICE,MARIA ZANNIS HADJOPOULOS,TORSTEN O NIELSEN PI

,NANDINI H COSSONS  
PC C12N15/09,A61K48/00,C07K14/47,C12N15/00  
CC Primer used to amplify the long arm of human chromosome 6. FH  
Key  
Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"  
Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
OY 237 GTGTATGGACGGTGCAC 254  
DB 2 GTGTATGGACGGTATGTC 19  
RESULT 784  
BD097061/c 20 bp DNA linear PAT 27-AUG-2002  
LOCUS BD097061  
DEFINITION Therapeutic agents.  
ACCESSION BD097061  
VERSION BD097061.1 GI:22642649  
KEYWORDS WO 0151480-A/20.  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.  
1 (bases 1 to 20)  
REFERENCE  
1 Enoki,T., Yamashita,S., Nishimura,K., Sagawa,H. and Kato,I.  
Therapeutic agents  
Patent: WO 0151480-A 20 19-JUL-2001;  
TAKARA SHUZO CO LTD,TATSUJI ENOKI,SHUSAKU YAMASHITA,KAORI  
NISHIMURA, HIROAKI SAGAWA,IKUNOSHIN KATO  
OS Artificial Sequence  
PN WO 0151480-A/20  
PD 19-JUL-2001 WO 2001JP000082  
PF 11-JAN-2001 WO 2001JP000082  
PR 13-JAN-2000 JP 00P 4989,03-OCT-2000 JP 00P 303711 P1  
TATSUJI ENOKI,SHUSAKU YAMASHITA,KAORI NISHIMURA,HIROAKI SAGAWA,  
PI IKUNOSHIN KATO  
PC C07D309/32,C07D493/08,A61K31/351,A61K31/357,A61P43/00,A61P43/  
PC 111.A61P1/16,  
PC A61P29/00  
CC Designed primer based on nucleotide sequence of human CC  
macrophage  
CC inflammatory protein-1-beta mRNA.  
FH Key Location/Qualifiers  
FT source 1. .20  
/organism="Artificial Sequence".  
FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"  
Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
OY 2365 AGCTGCTCAGACGAGGA 2382  
DB 19 AGCTGCTCAGACGAGGA 2  
RESULT 785  
A32733 21 bp DNA linear PAT 05-JUL-1996  
LOCUS A32733  
DEFINITION Synthetic capture probe for C.trachomatis MOMP gene.  
ACCESSION A32733  
VERSION A32733.1 GI:1567581  
KEYWORDS

SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 21)  
AUTHORS  
TITLE METHOD FOR DETECTING A NUCLEOTIDE SEQUENCE BY SANDWICH  
JOURNAL HYBRIDIZATION  
FEATURES Patent: WO 9119812-A 33 26-DEC-1991;  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTCAGCTCTGCTCC 5101  
Db 4 GCTTTGAGTCTGCTCC 21

RESULT 786  
A32787 21 bp DNA linear PAT 09-JUL-1996  
LOCUS A32787 Synthetic detection primer for C. trachomatis MOMP gene.  
DEFINITION A32787  
ACCESSION A32787  
VERSION A32787.1 GI:1567635  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 21)  
AUTHORS  
TITLE METHOD FOR DETECTING A NUCLEOTIDE SEQUENCE BY SANDWICH  
JOURNAL HYBRIDIZATION  
FEATURES Patent: WO 9119812-A 87 26-DEC-1991;  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTCAGCTCTGCTCC 5101  
Db 4 GCTTTGAGTCTGCTCC 21

RESULT 787  
A98476 21 bp DNA linear PAT 26-JAN-2000  
LOCUS A98476  
DEFINITION Sequence 15 from Patent WO9911804.  
ACCESSION A98476  
VERSION A98476.1 GI:6781577  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Oliver, S.G. and Hutter, A.  
TITLE ETHANOL PRODUCTION BY MUTANT YEAST  
JOURNAL Patent: WO 9911804-A 15 11-MAR-1999;  
OLIVER STEPHEN GEORGE (GB); HUTTER ANTON (GB)  
FEATURES Location/Qualifiers  
1..21  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 GTTCTGTATGAGGAG 319  
Db 19 GTTCTGTATGAGGAG 2

RESULT 788  
A98477 21 bp DNA linear PAT 26-JAN-2000  
LOCUS A98477  
DEFINITION Sequence 16 from Patent WO9911804.  
ACCESSION A98477  
VERSION A98477.1 GI:6781578  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Oliver, S.G. and Hutter, A.  
TITLE ETHANOL PRODUCTION BY MUTANT YEAST  
JOURNAL Patent: WO 9911804-A 16 11-MAR-1999;  
OLIVER STEPHEN GEORGE (GB); HUTTER ANTON (GB)  
FEATURES Location/Qualifiers  
1..21  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 GTTCTGTATGAGGAG 319  
Db 3 GTTCTGTATGAGGAG 20

RESULT 789  
AR043258 21 bp DNA linear PAT 29-SEP-1999  
LOCUS AR043258  
DEFINITION Sequence 46 from patent US 5814457.  
ACCESSION AR043258  
VERSION AR043258.1 GI:5964266  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Kern, S.F. and Hahn, S.A.  
TITLE DPC4 polypeptide  
JOURNAL Patent: US 5814457-A 46 29-SEP-1998;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2154 AAATCAGGGAACCA 2171  
Db 19 AAATCTGAGAAACCA 2

RESULT 790  
AR074913 21 bp DNA linear PAT 28-AUG-2000  
LOCUS AR074913  
DEFINITION Sequence 46 from patent US 5955292.  
ACCESSION AR074913

VERSION AR074913.1 GI:10001655  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Kern, S.E. and Hahn, S.A.  
TITLE Tumor suppressor gene, DPC4  
JOURNAL Patent: US 5955292-A 46 21-SEP-1999;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02; 2; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 2

Oy 2154 AACTCAGCGCAACCAA 2171  
Db 19 AACTCTGAGAACCAA 2

RESULT 791  
LOCUS AR075108 21 bp DNA linear PAT 28-AUG-2000  
DEFINITION Sequence 8 from patent US 5955316.  
ACCESSION AR075108  
VERSION AR075108.1 GI:10001860  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Conneely, O.M., Headon, D.R. and O'Malley, B.W.  
TITLE Expression of processed recombinant lactoferrin and lactoferrin polypeptide fragments from a fusion product in aspergillus  
JOURNAL Patent: US 5955316-A 8 21-SEP-1999;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02; 2; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 2

Oy 29 AGCAGCGCGCGAGAGAA 46  
Db 1 AGCGCGCGCGAGAGAA 18

RESULT 792  
LOCUS AR100147 21 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 8 from patent US 6080559.  
ACCESSION AR100147  
VERSION AR100147.1 GI:12810595  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Conneely, O.M., Headon, D.R. and O'Malley, B.W.  
TITLE Expression of processed recombinant lactoferrin and lactoferrin polypeptide fragments from a fusion product in Aspergillus  
JOURNAL Patent: US 6080559-A 8 27-JUN-2000;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 9e+02; 2; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 2

Oy 29 AGCAGCGCGCGAGAGAA 46  
Db 1 AGCGCGCGCGAGAGAA 18

RESULT 793  
LOCUS AR108695 21 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 1 from patent US 6111081.  
ACCESSION AR108695  
VERSION AR108695.1 GI:12824182  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Conneely, O.M. and Ward, P.P.  
TITLE Lactoferrin variants and uses thereof  
JOURNAL Patent: US 6111081-A 1 29-AUG-2000;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02; 2; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 2

Oy 29 AGCAGCGCGCGAGAGAA 46  
Db 1 AGCGCGCGCGAGAGAA 18

RESULT 794  
LOCUS BD227526/c 21 bp DNA linear PAT 17-JUL-2003  
DEFINITION Method for assaying a capability of a patient against  
ACCESSION BD227526  
VERSION BD227526.1 GI:33037296  
KEYWORDS JP 2002523111-A/10.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
TITLE Haugenberger, D.  
JOURNAL Method for assaying a capability of a patient against  
COMMENT SANGTEC MOLECULAR DIAGNOSTICS AB  
OS Homo sapiens (human)  
PN JP 2002523111-A/10  
PD 30-JUL-2002  
PF 25-AUG-1999 JP 2000567740  
PR 28-AUG-1998 SE 9802897-0  
PI DAN HAUZENBERGER  
PC C1201/68, C12N15/09, C12N15/09, G01N33/53, G01N33/566, C12N15/00,  
PC C12N15/00  
CC Method for assaying a capability of a patient against CC  
CC specific drugs  
FH key Location/Qualifiers  
FT source 1..21  
/organism="Homo sapiens (human)".  
1..21  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
 Best Local Similarity 88.9%; Pred. No. 9e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2141 AGGAGTGAAGAACT 2158  
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 21 AGGAGAGAAACGAACT 4

Db

RESULT 795  
 BD227545/c  
 LOCUS 21 bp DNA linear PAT 17-JUL-2003  
 DEFINITION Method for assaying a capability of a patient against  
 BD227545  
 accession BD227545.1 GI:33037315  
 version JP 2002523111-A/29.  
 keywords Homo sapiens (human)  
 source Homo sapiens  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 (bases 1 to 21)  
 Haugenberger, D.  
 Method for assaying a capability of a patient against  
 title metabolism of specific drugs  
 journal Patent: JP 2002523111-A 29 30-JUL-2002;  
 SANGTEC MOLECULAR DIAGNOSTICS AB

COMMENT OS Homo sapiens (human)  
 PN JP 2002523111-A/29  
 PD 30-JUL-2002  
 PR 25-AUG-1999 JP 2000567740  
 PR 28-AUG-1998 SE 9802897-0  
 PI DAN HAUZENBERGER  
 PC C1201/68, C12N15/09, C12N15/53, G01N33/56, C12N15/00,  
 PC C12N15/00  
 CC Method for assaying a capability of a patient against CC  
 CC metabolism of  
 CC specific drugs  
 FH Key  
 FT source 1.21  
 Location/Qualifiers  
 1..21  
 /organism="Homo sapiens (human)"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:9606"

FEATURES  
 source 1.21  
 Location/Qualifiers  
 1..21  
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 /mol\_type="genomic DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
 Best Local Similarity 88.9%; Pred. No. 9e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2141 AGGAGTGAAGAACT 2158  
 |||||  
 21 AGGAGAGAAACGAACT 4

Db

RESULT 796  
 BD266151  
 LOCUS 21 bp DNA linear PAT 17-JUL-2003  
 DEFINITION Universal arrays.  
 BD266151  
 accession BD266151.1 GI:33075919  
 version JP 2002539849-A/151.  
 keywords Homo sapiens (human)  
 source Homo sapiens  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 (bases 1 to 21)  
 Fan, J.B., Hirschhorn, J.N., Huang, X., Kaplan, P., Lander, E.S.,  
 Lockhart, D.J., Ryder, T., and Sklar, P.  
 title Universal arrays  
 journal Patent: JP 2002539849-A 151 26-NOV-2002;

COMMENT WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, AFYMETRIX INC  
 OS Homo sapiens (human)  
 PN JP 2002539849-A/151  
 PD 26-NOV-2002  
 PR 27-MAR-2000 JP 2000608794  
 PR 26-MAR-1999 US 60/126473, 23-JUN-1999 US 60/140359 PI  
 JIAN BING FAN, JOEL N HIRSCHORN, XIAOHUA  
 HUANG, PAUL, KAPLAN, ERIC  
 PI S LANDER,  
 PI DAVID J LOCKHART, THOMAS RYDER, PAMELA SKLAR  
 PC C1201/68, C12M1/00, C12N15/09, C12N15/09, C12N15/09, G01N33/53, PC  
 G01N33/56  
 PC G01N37/00, C12N15/00, C12N15/00, C12N15/00  
 CC Universal arrays  
 FH Key  
 FT source 1.21  
 Location/Qualifiers  
 1..21  
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 /mol\_type="genomic DNA"  
 /db\_xref="taxon:9606"

FEATURES  
 source 1.21  
 Location/Qualifiers  
 1..21  
 /organism="Homo sapiens (human)"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
 Best Local Similarity 80.0%; Pred. No. 9e+02;  
 Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 4695 TTCTGTCAGCTCAGTGAC 4714  
 |||||  
 1 TTCTGTCAGCTCAGTGAC 20

Db

RESULT 797  
 CQ72371  
 LOCUS CQ72371 21 bp DNA linear PAT 04-MAR-2004  
 DEFINITION Sequence 34 from Patent WO2004011676.  
 CQ72371  
 accession CQ72371  
 version CQ72371.1 GI:45126141  
 keywords  
 source  
 ORGANISM  
 synthetic construct  
 synthetic construct  
 artificial sequences.

REFERENCE 1  
 White, J.C.B., Clark, A.J., and Wolf, C.R.  
 title Multi-reporter gene model for toxicological screening  
 journal Patent: WO 2004011676-A 34 05-FEB-2004;  
 ROSLIN INSTITUTE (EDINBURGH) (GB); CCR BIOSCIENCES LIMITED (GB)

FEATURES  
 source 1.21  
 Location/Qualifiers  
 1..21  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Contains an AvrII-ApaI-Spfi linker"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
 Best Local Similarity 88.9%; Pred. No. 9e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3366 CTGGGCGCTGCGAGGGA 3383  
 |||||  
 4 CTAGGGCGCTGCGAGGGA 21

Db

RESULT 798  
 CQ813018/c  
 LOCUS CQ813018 21 bp DNA linear PAT 24-MAY-2004  
 DEFINITION Sequence 4 from Patent WO2004040017.  
 CQ813018  
 accession CQ813018  
 version CQ813018.1 GI:47602335  
 keywords  
 source  
 ORGANISM  
 synthetic construct  
 synthetic construct  
 artificial sequences.

REFERENCE 1  
AUTHORS Hermansen, A., Klemesdal, S., Naerstad, R., Wanner, L. and Lund, G.  
TITLE Assay method  
JOURNAL Patent: WO 2004/040017-A 4 13-MAY-2004;  
Carrotech As (NO)  
FEATURES  
source location/Qualifiers  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02; Mismatches 2; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1639 ACTCCAAAAGAGAGAG 1656  
Db 19 ACTCCAAAAGAGAGAG 2

RESULT 799  
CQ813028 21 bp DNA linear PAT 24-MAY-2004  
LOCUS Sequence 14 from Patent WO2004040017.  
DEFINITION CQ813028  
ACCESSION CQ813028.1 GI:47602345  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Hermansen, A., Klemesdal, S., Naerstad, R., Wanner, L. and Lund, G.  
TITLE Assay method  
JOURNAL Patent: WO 2004/040017-A 14 13-MAY-2004;  
Carrotech As (NO)  
FEATURES  
source location/Qualifiers  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02; Mismatches 2; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1639 ACTCCAAAAGAGAGAG 1656  
Db 3 ACTCCAAAAGAGAGAG 20

RESULT 800  
CQ846797 21 bp RNA linear PAT 02-AUG-2004  
LOCUS Sequence 46 from Patent WO2004036221.  
DEFINITION CQ846797  
ACCESSION CQ846797.1 GI:50895947  
VERSION CQ846797.1  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS O'Toole, M.M. and Liu, W.  
TITLE Compositions and methods for diagnosing and treating autoimmune disease  
JOURNAL Patent: WO 2004/036221-A 46 29-APR-2004;  
Myeth (US); O'Toole, Margot Mary (US); Liu, Wei (US)  
FEATURES  
source location/Qualifiers  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned RNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02; Mismatches 2; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2083 GGGTGCCTCATGTTCA 2100  
Db 4 GGCTGACGTCATGTTCA 21

RESULT 801  
E23816/c 21 bp DNA linear PAT 18-JUN-2001  
LOCUS Method for quantitating RNA and kit therefor.  
DEFINITION E23816  
ACCESSION E23816  
VERSION E23816.1 GI:13024564  
KEYWORDS JP 199089596-A/33.  
SOURCE unidentified  
ORGANISM unidentified  
unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Sayuri, K., Kanako, U., Atsushi, S., Fumitsugu, H. and Ikunoshin, K.  
TITLE Method for quantitating RNA and kit therefor  
JOURNAL Patent: JP 199089596-A 33 06-APR-1999;  
TAKARA SHUZO CO LTD  
COMMENT OS Unidentified  
PN JP 199089596-A/33  
PD 06-APR-1999  
PF 19-SEP-1997 JP 1997271993  
PR

PI SAYURI KISHIDA, KANAKO USUI, ATSUSHI SHIMADA, FUMITSUGU HINO, PI  
IKUNOSHIN KATO  
PC C12Q1/68//C12N15/09, C12N15/00  
CC Strandedness: Single;  
CC Topology: Linear;  
FH Key source location/Qualifiers  
FT source 1. .21  
/organism="Unidentified".

FEATURES  
source location/Qualifiers  
1. .21  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02; Mismatches 2; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 467 GTCTGGGGTGCCTGCC 484  
Db 21 GTCTCGGGGTGCCTGCC 4

RESULT 802  
I28464 21 bp DNA linear PAT 06-FEB-1997  
LOCUS Sequence 8 from patent US 5571697.  
DEFINITION I28464  
ACCESSION I28464  
VERSION I28464.1 GI:1819240  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Connely, O.M., Headon, D.R. and O'Malley, B.W.  
TITLE Expression of processed recombinant lactoferrin and lactoferrin polypeptide fragments from a fusion product in Aspergillus  
JOURNAL Patent: US 5571697-A 8 05-NOV-1996;  
Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 29 AGCAGCGCCGAGAGAA 46  
1 AGCGCGCGCCGAGAGAA 18

Db 1 AGCGCGCGCCGAGAGAA 18

RESULT 803  
LOCUS 176339 21 bp DNA linear PAT 03-APR-1998  
DEFINITION Sequence 9 from patent US 5691185.  
ACCESSION 176339  
VERSION 176339.1 GI:3012493  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Dicke, F., Johansen, E., Nilsson, D., Hansen, E. Bech. and Str. o  
TITL Lactic acid bacterial suppressor mutants and their use as selective  
JOURNAL markers and as means of containment in lactic acid bacteria  
FEATURES Patent: US 5691185-A 9 25-NOV-1997;  
1. .21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1333 TTGAAGACAAGTCAAG 1350  
18 TTGTAGACAGTAAG 1

Db 18 TTGTAGACAGTAAG 1

RESULT 804  
LOCUS 182109 21 bp DNA linear PAT 10-JUN-1998  
DEFINITION Sequence 46 from patent US 5712097.  
ACCESSION 182109  
VERSION 182109.1 GI:3210406  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Kern, S.E. and Hahn, S.A.  
TITL Tumor suppressor gene, DPC4  
JOURNAL Patent: US 5712097-A 46 27-JAN-1998;  
1. .21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2154 AAACCTGAGGCAACCA 2171  
19 AAACCTGAGGCAACCA 2

Db 19 AAACCTGAGGCAACCA 2

RESULT 805  
LOCUS 184280 21 bp DNA linear PAT 04-APR-1998  
DEFINITION Sequence 51 from patent US 5695926.  
ACCESSION 184280

VERSION 184280.1 GI:3021800  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cros, P., Allibert, P., Mallet, F., Nabilat, C. and Mandrand, B.  
TITL Sandwich hybridization assays using very short capture probes  
JOURNAL noncovalently bound to a hydrophobic support  
FEATURES Patent: US 5695926-A 51 09-DEC-1997;  
1. .21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCCTTCAGCTCTGCTCC 5101  
4 GCCTTCAGCTCTGCTCC 21

Db 4 GCCTTCAGCTCTGCTCC 21

RESULT 806  
LOCUS AR296383 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 8118 from patent US 6537751.  
ACCESSION AR296383  
VERSION AR296383.1 GI:31683667  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.  
TITL Biallelic markers for use in constructing a high density  
JOURNAL disequilibrium map of the human genome  
FEATURES Patent: US 6537751-A 8118 25-MAR-2003;  
1. .21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2696 ACAGATTGAGTTCTCAG 2713  
4 ACAGATTGAGTTCTCAG 21

Db 4 ACAGATTGAGTTCTCAG 21

RESULT 807  
LOCUS AR296913 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 8648 from patent US 6537751.  
ACCESSION AR296913  
VERSION AR296913.1 GI:31684197  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.  
TITL Biallelic markers for use in constructing a high density  
JOURNAL disequilibrium map of the human genome  
FEATURES Patent: US 6537751-A 8648 25-MAR-2003;  
1. .21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1140 AACTGACCACTGCTC 1157  
|||||  
4 AACTGACCACTGCTC 21

RESULT 808  
AR297630  
LOCUS AR297630 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 9365 from patent US 6537751.  
ACCESSION AR297630  
VERSION AR297630.1 GI:31684914  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 9365 25-MAR-2003;  
FEATURES  
source 1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1588 TCGTGAAAAGAGAGAG 1605  
|||||  
4 TCGTGAAAAGAGAGAG 21

RESULT 809  
AR299471  
LOCUS AR299471 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 11206 from patent US 6537751.  
ACCESSION AR299471  
VERSION AR299471.1 GI:31686755  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 11206 25-MAR-2003;  
FEATURES  
source 1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1588 TCGTGAAAAGAGAGAG 1605  
|||||  
4 TCGTGAAAAGAGAGAG 21

RESULT 810  
AR306303/c  
LOCUS AR306303 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 14 from patent US 6548274.  
ACCESSION AR306303  
VERSION AR306303.1 GI:31696054

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Yaver,D.S. and Bellini,D.A.  
TITLE Methods for producing a polypeptide using a crippled translational  
initiator sequence  
JOURNAL Patent: US 6548274-A 14 15-APR-2003;  
FEATURES  
source 1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3277 CACCAATGCCCTGCAG 3294  
|||||  
21 CACCAATGCCCTGCAG 4

RESULT 811  
AR442237  
LOCUS AR442237 21 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 138 from patent US 6670124.  
ACCESSION AR442237  
VERSION AR442237.1 GI:42669494  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Chow,R. and Tonal,R.  
TITLE High throughput methods of HLA typing  
JOURNAL Patent: US 6670124-A 138 30-DEC-2003;  
FEATURES  
source 1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 725 CTCATGAGGTTCTTAC 742  
|||||  
4 CTCATGAGGTTCTTAC 21

RESULT 812  
AX095704/c  
LOCUS AX095704 21 bp DNA linear PAT 30-MAR-2001  
DEFINITION Sequence 882 from Patent WO0118250.  
ACCESSION AX095704  
VERSION AX095704.1 GI:13511931  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 882 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source 1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
 Best Local Similarity 80.0%; Pred. No. 9e+02;  
 Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1012 TGCAGAGCATGACACCACT 1031  
 20 TACAAAGAYGACATCAGT 1

RESULT 813  
 LOCUS AX096301/c 21 bp DNA linear PAT 30-MAR-2001  
 DEFINITION Sequence 1479 from Patent WO0118250.  
 AX096301  
 VERSION AX096301.1 GI:13512528  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and  
 McCarty, J.J.  
 TITLE Single nucleotide polymorphisms in genes  
 JOURNAL Patent: WO 0118250-A 1479 15-MAR-2001;  
 WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
 Pharmaceuticals, Inc. (US)  
 Location/Qualifiers  
 1. .21  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

FEATURES  
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 1. .21  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
 Best Local Similarity 88.9%; Pred. No. 9e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4893 CCCCTCCGAGTGGCA 4910  
 18 CCTCTCGAGCTGGCA 1

RESULT 814  
 LOCUS AX096888/c 21 bp DNA linear PAT 30-MAR-2001  
 DEFINITION Sequence 2066 from Patent WO0118250.  
 AX096888  
 VERSION AX096888.1 GI:13513156  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and  
 McCarty, J.J.  
 TITLE Single nucleotide polymorphisms in genes  
 JOURNAL Patent: WO 0118250-A 2066 15-MAR-2001;  
 WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
 Pharmaceuticals, Inc. (US)  
 Location/Qualifiers  
 1. .21  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

FEATURES  
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 1. .21  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
 Best Local Similarity 80.0%; Pred. No. 9e+02;  
 Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1724 CATCTCATCGGACCTGA 1743

Db 20 CATCTCATSATCCCTGGA 1

RESULT 815  
 LOCUS AX154252/c 21 bp DNA linear PAT 22-JUN-2001  
 DEFINITION Sequence 350 from Patent WO0138576.  
 AX154252  
 VERSION AX154252.1 GI:14535866  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 Gargill, M., Ireland, J.S. and Lander, E.S.  
 TITLE Human single nucleotide polymorphisms  
 JOURNAL Patent: WO 0138576-A 350 31-MAY-2001;  
 WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)  
 Location/Qualifiers  
 1. .21  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
 Best Local Similarity 80.0%; Pred. No. 9e+02;  
 Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3089 GAGGAGAGAGCTTATGACT 3108  
 20 GCGGAGAGAGSACTATGACT 1

RESULT 816  
 LOCUS AX179346/c 21 bp DNA linear PAT 03-JUL-2001  
 DEFINITION Sequence 47 from Patent WO0127277.  
 AX179346  
 VERSION AX179346.1 GI:14599017  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 Shimkets, R.A., Lichenstein, H. and Boldog, F.L.  
 TITLE Proteins and polynucleotides encoded thereby  
 JOURNAL Patent: WO 0127277-A 47 19-APR-2001;  
 Curagen Corporation (US)  
 Location/Qualifiers  
 1. .21  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="3207791 S3"

FEATURES  
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 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="3207791 S3"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
 Best Local Similarity 88.9%; Pred. No. 9e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1293 GTGTCCAGCTCAGCCAA 1310  
 21 GTGGCCAGCTCAGCCAA 4

RESULT 817  
 LOCUS AX179347 21 bp DNA linear PAT 03-JUL-2001  
 DEFINITION Sequence 48 from Patent WO0127277.  
 AX179347  
 VERSION AX179347.1 GI:14599018  
 KEYWORDS



SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Shimkets, R.A., Lichenstein, H. and Boldog, F.L.  
TITLE Proteins and polynucleotides encoded thereby  
JOURNAL Patent: WO 0127277-A 48 19-Apr-2001;  
Curagen Corporation (US)

FEATURES  
source  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="3207791 S4"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1293 GTGTCCAGCTCAGCCAA 1310  
Db 1 GTGGCCAGCTCAGCCAA 18

RESULT 818  
LOCUS AX183996/c 21 bp DNA linear PAT 06-AUG-2001  
DEFINITION Sequence 1749 from Patent WO0142511.  
ACCESSION AX183996  
VERSION AX183996.1 GI:15135331  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1  
AUTHORS Daly, M., Hudson, T.J., Lander, E.S., Roux, J. and Siminovitch, K.  
TITLE Tbd-related polymorphisms  
JOURNAL Patent: WO 0142511-A 1749 14-JUN-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Ellipsis  
Biotherapeutics Corporation (CA)

FEATURES  
source  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2151 AAGAACTCAGGCGAACC 2169  
Db 21 AAGAACTCANTCAAAACC 3

RESULT 819  
LOCUS AX195415/c 21 bp DNA linear PAT 28-AUG-2001  
DEFINITION Sequence 14 from Patent WO0151646.  
ACCESSION AX195415  
VERSION AX195415.1 GI:15385964  
KEYWORDS  
SOURCE Aspergillus oryzae  
ORGANISM Aspergillus oryzae  
Eukaryota; Fungi; Ascomycota; Pezizomycotina; Eurotiomycetes;  
Eurotiales; Trichocomaceae; mitosporic Trichocomaceae; Aspergillus.

REFERENCE 1  
AUTHORS Yaver, D.S. and Bellini, D.A.  
TITLE Methods for producing a polypeptide using a crippled translational  
JOURNAL Patent: WO 0151646-A 14 19-JUN-2001;  
Novozymes Biotech, Inc. (US)

FEATURES  
source  
Location/Qualifiers  
1. .21  
/organism="Aspergillus oryzae"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:5062"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3277 CACCAATGCCCCGTGACG 3294  
Db 21 CACCAATGCCCCGTGACG 4

RESULT 820  
LOCUS AX404411/c 21 bp DNA linear PAT 14-JUN-2002  
DEFINITION Sequence 237 from Patent WO0224747.  
ACCESSION AX404411  
VERSION AX404411.1 GI:21437692  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Brinkmann, U. and Hoffmeyer, S.  
TITLE Polymorphisms in human genes of cardiovascular regulators and their  
JOURNAL use in diagnostic and therapeutic applications  
Patent: WO 0224747-A 237 28-MAR-2002;  
Epidaurus Biotechnologie AG (DE)

FEATURES  
source  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="artificial sequence-n-g or a"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2037 GTGAAGACAGGCAATTGCA 2055  
Db 20 GTGAATACAGCAATTGCA 2

RESULT 821  
LOCUS AX404412 21 bp DNA linear PAT 14-JUN-2002  
DEFINITION Sequence 238 from Patent WO0224747.  
ACCESSION AX404412  
VERSION AX404412.1 GI:21437693  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Brinkmann, U. and Hoffmeyer, S.  
TITLE Polymorphisms in human genes of cardiovascular regulators and their  
JOURNAL use in diagnostic and therapeutic applications  
Patent: WO 0224747-A 238 28-MAR-2002;  
Epidaurus Biotechnologie AG (DE)

FEATURES  
source  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="artificial sequence-n-c or c"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2037 GTGAAGACAGCATTCGCA 2055  
DB 2 GTGATACAGCATTCGCA 20

RESULT 822  
LOCUS AX431424/c  
DEFINITION Sequence 57 from Patent WO0240666.  
ACCESSION AX431424  
VERSION AX431424.1 GI:21656270  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Enkine, D.K., Wither, M.D., Haardt, M., Goldberg, Y.P., Mwaka, S.O., Ponton, A., Allen, S.J., de Aenceno, R.J., and Knickle, L.C.  
TITLE Fat regulated genes, uses thereof, and compounds for modulating same  
JOURNAL Patent: WO 0240666-A 57 23-MAY-2002;  
XENON GENETICS INC (CA)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3519 CTGCTCAGGAGGACCTG 3536  
DB 18 CTGCCGAGGAGGACCG 1

RESULT 823  
LOCUS AX467559  
DEFINITION Sequence 6 from Patent WO0214547.  
ACCESSION AX467559  
VERSION AX467559.1 GI:21900754  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Fuchs, S., Imani, T., and Perl, O.  
TITLE Method for the diagnosis and follow up of schizophrenia and other mental and neurodegenerative disorders  
JOURNAL Patent: WO 0214547-A 6 21-FEB-2002;  
YEDA RESEARCH AND DEVELOPMENT COMPANY, LTD. (IL)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1977 ATCGTGCTGCTGCCAAG 1994  
DB 2 ATCATGTGCTGCGCAAG 19

RESULT 824  
AX786695/c

LOCUS AX786695 21 bp DNA linear PAT 17-JUL-2003  
DEFINITION Sequence 18 from Patent WO03048767.  
ACCESSION AX786695  
VERSION AX786695.1 GI:32954106  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Cotter, T., Hayes, I., Seery, L., and Murphy, F.  
TITLE Biavl-1  
JOURNAL Patent: WO 03048767-A 18 12-JUN-2003;  
Elix Therapeutics Ltd (IE)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4023 AAGCACCAGCGGAGAG 4040  
DB 18 ATGACACAGCGCGAGAG 1

RESULT 825  
LOCUS BD023739/c 21 bp DNA linear PAT 27-AUG-2002  
DEFINITION Beta-galactosidase having reversibly inactive lactase activity.  
ACCESSION BD023739  
VERSION BD023739.1 GI:22564962  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Karatzas, C.N., Turner, J.D., Eino, M., Kabel, J.J., and Amantea, G.F.  
TITLE Beta-galactosidase having reversibly inactive lactase activity  
JOURNAL Patent: JP 2001506136-A 5 15-MAY-2001;  
NEXIA BIOTECHNOLOGIES INC  
COMMENT  
PN JP 2001506136-A/5  
PR 15-MAY-2001  
PR 29-DEC-1997 JP 1998529775  
PR 31-DEC-1996 US 08/775842  
PI COSTAS N KARATZAS, JEFFREY D TURNER, MAHMOUD EINO, JOHN J KABEL, PI GERALD F AMANTEA  
PC C12N15/09, A01K67/027, C12N1/19, C12N9/38// (C12N1/19, C12R1:685), (C12N9/38, C12R1:685), C12N15/00  
CC Strandedness: Single;  
CC Topology: Linear;  
FH Key  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Eremothecium gossypii"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:33169"

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4101 GAGTCGAGAGCCGAGAG 4118  
DB 20 GAGTCGAGAGCCGAGAG 3

RESULT 826  
HUM441RVA/c

LOCUS	H0441.RVA	21 bp	DNA	linear	STS 29-MAY-2002
DEFINITION	A PCR primer for human chromosome 21 Sfi I linking clone STS,				
ACCESSION	location 21q22.3, sequence tagged site.				
VERSION	D50177				
KEYWORDS	D50177.1 GI:801783				
SOURCE	STS.				
ORGANISM	Homo sapiens (human)				
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
AUTHORS	Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.				
	Tanahashi,H., Ito,T., Hattori,M., Ohira,M., Onki,M., Tashiro,K. and				
	Sakaki,Y.				
TITLE	Sixty new STSs (sequence-tagged sites) of human chromosome 21				
JOURNAL	DNA Res. 1 (2), 85-89 (1994)				
MEDLINE	96051984				
PUBMED	7584032				
REFERENCE	2 (bases 1 to 21)				
AUTHORS	Sakaki,Y.				
TITLE	Direct Submision				
JOURNAL	Submitted (28-Apr-1995) Yoshiyuki Sakaki, Institute of Medical				
	Science, University of Tokyo, Human Genome Center; 4-6-1				
	Shirokanedai Minato-ku, Tokyo 108, Japan				
	(E-mail:sakaki@nc.ims.u-tokyo.ac.jp, Tel:03-5449-5362,				
	Fax:03-5449-5445)				
COMMENT	Submitted (28-Apr-1995) to DDBJ by:				
	Yoshiyuki Sakaki				
	Human Genome Center				
	Institute of Medical Science				
	University of Tokyo				
	4-6-1 Shirokanedai Minato-ku				
	Tokyo, 108				
	Japan				
	Phone: 03-5449-5362				
	Fax : 03-5449-5445.				
FEATURES	Location/Qualifiers				
source	1..21				
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	/mol_type="genomic DNA"				
	/db_xref="taxon:9606"				
	/chromosome="21"				
Query Match	0.3%; Score 14.8; DB 1; Length 21;				
Best Local Similarity	88.9%; Pred. No. 9e+02;				
Matches	16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;				
OY	157 ACTGCACCTTCAATTGT 174				
Db	20 ACTGCACACTCAATTGT 3				
RESULT 827					
LOCUS	A84075	22 bp	DNA	linear	PAT 21-JAN-2000
DEFINITION	Sequence 4 from Patent WO9846759.				
ACCESSION	A84075				
VERSION	A84075.1				
KEYWORDS	GI:673215				
SOURCE	unidentified				
ORGANISM	unclassified				
	unclassified.				
REFERENCE	1 (bases 1 to 22)				
AUTHORS	Theres,N.				
TITLE	PLANTS WITH CONTROLLED SIDE-SHOOT FORMATION AND/OR CONTROLLED				
JOURNAL	ABSCISSION AREA FORMATION				
	Patent: WO 9846759-A 4 22-OCT-1998;				
	THERES NIKOLAUS (DE)				
FEATURES	Location/Qualifiers				
source	1..22				
	/organism="unidentified"				
	/mol_type="unassigned DNA"				
	/db_xref="taxon:32644"				

Query Match	0.3%: Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.5e+02;	
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
QY 5063 CCTTTTCTCTATCTCT 5080	
DB 4 CCTTTTCTCTCTCT 21	
RESULT 828	
LOCUS AR003661 22 bp DNA linear PAT 04-DEC-1998	
DEFINITION Sequence 10 from patent US 5744347.	
ACCESSION AR003661	
VERSION AR003661.1 GI:3964920	
KEYWORDS	
SOURCE	
ORGANISM	
REFERENCE	
AUTHORS	
TITLE	
JOURNAL	
FEATURES	
source	
Query Match	0.3%: Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.5e+02;	
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
QY 3156 AGCTCACGACGACGAC 3173	
DB 4 AGCCACACGACGACGAC 21	
RESULT 829	
LOCUS AR028425 22 bp DNA linear PAT 29-SEP-1999	
DEFINITION Sequence 40 from patent US 5858671.	
ACCESSION AR028425	
VERSION AR028425.1 GI:5940398	
KEYWORDS	
SOURCE	
ORGANISM	
REFERENCE	
AUTHORS	
TITLE	
JOURNAL	
FEATURES	
source	
Query Match	0.3%: Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.5e+02;	
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
QY 1039 CAGAAGACATCTTAAG 1056	
DB 22 CAGAAGATCATCTTACG 5	
RESULT 830	
LOCUS AR130935 22 bp DNA linear PAT 16-MAY-2001	
DEFINITION Sequence 40 from patent US 6190889.	
ACCESSION AR130935	
VERSION AR130935.1 GI:14119260	
KEYWORDS	
SOURCE	

ORGANISM Unknown.  
Unclassified.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Jones, D.H.  
TITLES Methods for removing primer sequences and blocking restriction  
endonuclease recognition domains  
JOURNAL Patent: US 6190889-A 40 20-FEB-2001;  
FEATURES Location/Qualifiers  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1039 CAGAGAGCATCTTACG 1056  
DB 22 CAGAGATCATCTTACG 5

RESULT 831  
AR161901/c  
LOCUS AR161901 40 from patent US 6258533. 22 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence  
ACCESSION AR161901  
VERSION AR161901.1 GI:16228910  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Jones, D.H.  
TITLES Iterative and regenerative DNA sequencing method  
JOURNAL Patent: US 6258533-A 40 10-JUL-2001;  
FEATURES Location/Qualifiers  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1039 CAGAGAGCATCTTACG 1056  
DB 22 CAGAGATCATCTTACG 5

RESULT 832  
CQ799417  
LOCUS CQ799417 22 bp DNA linear PAT 28-APR-2004  
DEFINITION Sequence 67 from Patent WO2004031413.  
ACCESSION CQ799417  
VERSION CQ799417.1 GI:46848364  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Nakamura, Y., Daigo, Y. and Nakata, S.  
TITLES Method for diagnosing non-small cell lung cancers  
JOURNAL Patent: WO 2004031413-A 67 15-APR-2004;  
Oncotherapy Science, Inc. (JP); Japan as represented by the  
president of the university of Tokyo (JP)  
Location/Qualifiers  
source 1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Artificially synthesized primer sequence for  
RT-PCR"

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2370 CTCACAGAGAGGAGGAG 2387  
DB 2 CACACAGAGAGGAGGAG 19

RESULT 833  
E09228  
LOCUS E09228 22 bp DNA linear PAT 29-SEP-1997  
DEFINITION Primer for detecting and measuring cytokine-specific mRNA.  
ACCESSION E09228  
VERSION E09228.1 GI:22025854  
KEYWORDS JP 1995123984-A/27.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Hosokawa, T. and Akiyama, T.  
TITLES PRIMER FOR DETECTING AND MEASURING SPECIFIC MESSENGER RNA  
JOURNAL Patent: JP 1995123984-A 27 16-MAY-1995;  
HITACHI CHEM CO LTD  
COMMENT OS None  
OC Artificial sequences.  
FN JP 1995123984-A/27  
PD 16-MAY-1995  
PP 05-NOV-1993 JP 1993275852  
P1 HOSOKAWA TOSHIKI, AKIYAMA TATSUO  
PC C12N15/09, C12Q1/68;  
CC strandness: Single;  
CC topology: linear;  
FH Key Location/Qualifiers  
FH  
FT source 1..22  
FT /organism='Artificial sequences' FT  
FT /note='complementary to No.502-No.523 of FT  
HUMIFNG'.

FEATURES Location/Qualifiers  
source 1..22  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5086 TTTCAGCTCGCTTCCTT 5103  
DB 1 TTTCAGCTCTGCATCCTT 18

RESULT 834  
E15265/c  
LOCUS E15265 22 bp DNA linear PAT 28-JUL-1999  
DEFINITION Primer.  
ACCESSION E15265  
VERSION E15265.1 GI:5709948  
KEYWORDS JP 1998057068-A/7.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Nakayama, H., Hirayama, S. and Ueda, R.  
TITLES PRIVATE DECARBOXYLASE GENE, RECOMBINANT VECTOR AND PLASMID  
CONTAINING THE SAME GENE, CELL OF MICROORGANISM CONTAINING THE SAME  
GENE TRANSFECTED THEREINTO AND PRODUCTION OF ETHANOL  
JOURNAL Patent: JP 1998057068-A 7 03-MAR-1998;  
MITSUBISHI HEAVY IND LTD  
COMMENT OS None  
OC Artificial sequences.

PN JP 1998057068-A/7  
PD 03-MAR-1998  
PF 21-AUG-1996 JP 1996220062  
PI NAKAYAMA HIROYUKI, HIRAYAMA SHIN, UEDA RYOHEI PC  
C12N15/09, C07H21/04, C12N1/12, C12N9/04, C12P7/06, (C12N1/12, C12R1:89),  
PC (C12P7/06, C12R1:89);  
CC strandedness: Single;  
CC topology: linear;  
FH Key Location/Qualifiers  
FT source 1..22 /organism='Artificial sequence'.  
FEATURES  
source 1..22  
Location/Qualifiers  
1..22 /organism='unidentified'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:32644'

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3681 CCCAGCATCGTCTCACC 3698  
Db 22 CGCAGCATGCTCTCACC 5

RESULT 835  
E33375  
LOCUS E33375 22 bp DNA linear PAT 18-JUN-2001  
DEFINITION NA+-ATPase gene.  
ACCESSION E33375  
VERSION E33375.1 GI:13022372  
KEYWORDS JP 2000050874-A/6.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Mariko,S. and Masato,W.  
TITLE NA+-ATPase gene  
JOURNAL Patent: JP 2000050874-A 6 22-FEB-2000;  
JAPAN INTERNATIONAL RESEARCH CENTER FOR AGRICULTURAL SCIENCES  
COMMENT OS Artificial Sequence  
PN JP 2000050874-A/6  
PD 22-FEB-2000  
PF 07-AUG-1998 JP 1998225032  
PR  
PI MARIKO SHONO, MASATO WADA  
PC C12N15/09, A01H5/00, C12N1/21, C12N9/12, (C12N1/21, C12R1:19), PC  
Qy (C12N9/12, C12R1:19), C12N15/00  
CC  
FH Key Location/Qualifiers  
FT source 1..22 /organism='Artificial sequence'.  
FEATURES  
source 1..22  
Location/Qualifiers  
1..22 /organism='synthetic construct'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:32630'

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 551 CAAGCGAGGAGCTGCT 568  
Db 1 CAAGCGAGGAGCTGCT 18

RESULT 836  
123571/c  
LOCUS 123571 22 bp DNA linear PAT 07-OCT-1996

DEFINITION Sequence 48 from patent US 5536636.  
ACCESSION 123571  
VERSION 123571.1 GI:1603441  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Freeman,R.M., Jr., Plutsky,J., Neel,B.G. and Rosenberg,R.D.  
TITLE Methods for identifying a tyrosine phosphatase abnormality  
JOURNAL associated with neoplastic disease  
PATENT: US 5536636-A 48 16-JUL-1996;  
FEATURES  
source 1..22  
Location/Qualifiers  
1..22 /organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3239 CATCAACCCCACTACT 3256  
Db 19 CATCAATGCCCACTACT 2

RESULT 837  
AR216931/c  
LOCUS AR216931 22 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 83 from patent US 6413719.  
ACCESSION AR216931  
VERSION AR216931.1 GI:23316275  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Singh,N.A., Leppert,M.F. and Charlier,C.  
TITLE KCNQ2 and KCNQ3-potassium channel genes which are mutated in benign  
JOURNAL familial neonatal convulsions (BNC) and other epilepsies  
PATENT: US 6413719-A 83 02-JUL-2002;  
FEATURES  
source 1..22  
Location/Qualifiers  
1..22 /organism='unknown'  
/mol\_type='genomic DNA'

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4083 CTTCACTGAGCTGCCACT 4100  
Db 21 CCCGAGTGAAGCTGCCACT 4

RESULT 838  
AR235572  
LOCUS AR235572 22 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 71 from patent US 6461810.  
ACCESSION AR235572  
VERSION AR235572.1 GI:27278793  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Fresco,J.R. and Johnson,M.D.  
TITLE Triplex in-situ hybridization  
JOURNAL Patent: US 6461810-A 71 08-OCT-2002;  
FEATURES  
source 1..22  
Location/Qualifiers  
1..22 /organism='unknown'  
/mol\_type='genomic DNA'

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3082 GCAAGACGAGGAGAGAC 3099  
DB 4 GAAAGACGAGAGAGAGAC 21

RESULT 839  
LOCUS AR317442/c 22 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 33 from patent US 6562957.  
ACCESSION AR317442  
VERSION AR317442.1 GI:33698544  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Ietarte,M., Marchuk,D.A. and McAllister,K.  
TITLE Genomic sequence encoding endoglin and fragments thereof  
JOURNAL Patent: US 6562957-A 33 13-MAY-2003;  
FEATURES  
source 1..22  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2794 AGAGTCAGAGAGAGAA 2811  
DB 22 AGAGTCAGAGAGAGACA 5

RESULT 840  
LOCUS AR349810 22 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 1 from patent US 6586192.  
ACCESSION AR349810  
VERSION AR349810.1 GI:33750698  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Peschle,C. and Ziegler,B.L.  
TITLE Compositions and methods for use in affecting hematopoietic stem cell populations in mammals  
JOURNAL Patent: US 6586192-A 1 01-JUL-2003;  
FEATURES  
source 1..22  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5136 CCTATGTTGCTTTTCA 5153  
DB 5 CCTTTGTTGCTTTTCA 22

RESULT 841  
LOCUS AR361294/c 22 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 40 from patent US 6599703.  
ACCESSION AR361294  
VERSION AR361294.1 GI:33769019

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Jones,D.H.  
TITLE Iterative and regenerative DNA sequencing method  
JOURNAL Patent: US 6599703-A 40 29-JUL-2003;  
FEATURES  
source 1..22  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1039 CAGAGAGCATCTTANG 1056  
DB 22 CAGAGATCATCTTACG 5

RESULT 842  
LOCUS AX353528/c 22 bp DNA linear PAT 06-FEB-2002  
DEFINITION Sequence 60 from Patent WO0204636.  
ACCESSION AX353528  
VERSION AX353528.1 GI:18618603  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS van Roy,F., Goossens,S., Janssens,B. and Vanpoucke,G.  
TITLE Novel g(a) expressed in heart and testis  
JOURNAL Patent: WO 0204636-A 60 17-JAN-2002;  
FEATURES  
source 1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="lower primer FVR2961"

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3693 CTCACCAAGCCGAGAG 3710  
DB 20 CTCACCTAAGTCCGAGAG 3

RESULT 843  
LOCUS AX466875 22 bp DNA linear PAT 16-JUL-2002  
DEFINITION Sequence 357 from Patent WO0212343.  
ACCESSION AX466875  
VERSION AX466875.1 GI:21900234  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Spytek,K.A., Padigaru,M., Zehrusen,B.D., Baumgartner,J.C., Li,L., Casman,S.J., Vernet,C.A., Ballinger,R.A., Shenoy,S.G., Kekuda,R., Burgess,C.E., Mezes,P.S., Grose,W.M., Alsbjork,J.P., Gorman,L., Larochelle,W.J., Taupier,R.J., Colman,S.D. and Szekeres,E.S.  
TITLE Proteins and nucleic acids encoding g-protein coupled receptors  
JOURNAL Patent: WO 0212343-A 357 14-FEB-2002;  
FEATURES  
source 1..22  
Location/Qualifiers

/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Forward primer"

Query Match 0.3%; Score 14.8; DB 1; Length 22;

Best Local Similarity 88.9%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2728 TGAAGACCAAGTCCGAGA 2745

Db 2 TGAAGCCTAAGTCCGAGA 19

RESULT 844

AX481865/c

LOCUS AX481865 22 bp DNA linear PAT 16-AUG-2002

DEFINITION Sequence 66 from Patent WO02057308.

ACCESSION AX481865

VERSION AX481865.1 GI:22316647

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 Demaison, C., Isalan, M., Moore, M., Choo, Y., Girdlestone, J.R. and

Ullman, C.

TITLE Nucleic acid binding polypeptides

JOURNAL Patent: WO 02057308-A 66 25-JUL-2002;

FEATURES SANGAMO BIOSCIENCES INC (US)

source Location/Qualifiers

1..22

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 22;

Best Local Similarity 88.9%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 818 GCTGAGAGAGAGACAC 835

Db 18 GCTGAGAGAGAGACAC 1

RESULT 845

AX487327

LOCUS AX487327 22 bp DNA linear PAT 16-AUG-2002

DEFINITION Sequence 4627 from Patent WO02053728.

ACCESSION AX487327

VERSION AX487327.1 GI:22321475

KEYWORDS

SOURCE Candida albicans

ORGANISM Candida albicans

REFERENCE 1 Saccharomycetales; Ascomycota; Saccharomycotina; Saccharomycetes;

Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L.

TITLE Gene disruption methodologies for drug target discovery

JOURNAL Patent: WO 02053728-A 4627 11-JUL-2002;

FEATURES Biltza Pharmaceuticals, Inc. (US)

source Location/Qualifiers

1..22

/organism="Candida albicans"

/mol\_type="unassigned DNA"

/db\_xref="taxon:5476"

Db 3 ATATGACGCTTGGCTT 20

RESULT 846

AX777494

LOCUS AX777494 22 bp DNA linear PAT 14-JUL-2003

DEFINITION Sequence 42 from Patent WO03029458.

ACCESSION AX777494

VERSION AX777494.1 GI:32694512

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 artificial sequences.

Bretling, F., Moldenhauer, G., Poustka, A. and Kuehlwein, T.

TITLE Method for producing protein libraries and for selecting proteins

JOURNAL from said libraries

Patent: WO 03029458-A 42 10-APR-2003;

FEATURES Deutsches Krebsforschungszentrum Stiftung des Oeffentlichen Rechts

source Location/Qualifiers

1..22

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Primer vH3-15"

Query Match 0.3%; Score 14.8; DB 1; Length 22;

Best Local Similarity 88.9%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 701 CACTGTCAGGCATCCGA 718

Db 5 CTCTGTCAGGCATCCCA 22

RESULT 847

AX956303

LOCUS AX956303 22 bp DNA linear PAT 08-JAN-2004

DEFINITION Sequence 210 from Patent WO03093505.

ACCESSION AX956303

VERSION AX956303.1 GI:40784829

KEYWORDS

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

TITLE Mouthon, F., Nouvel, V. and Deslys, J.P.

JOURNAL Method for determining the presence of an unconventional

transmissible agent responsible for transmissible subacute

spongiform encephalopathy

Patent: WO 03093505-A 210 13-NOV-2003;

FEATURES COMMISSARIAT A L'ENERGIE ATOMIQUE (FR)

source Location/Qualifiers

1..22

/organism="Mus musculus"

/mol\_type="unassigned DNA"

/db\_xref="taxon:10090"

Query Match 0.3%; Score 14.8; DB 1; Length 22;

Best Local Similarity 88.9%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4919 CAGCCACAGTTAAGCCA 4936

Db 5 CAGCCACAGTTAAGTTCA 22

RESULT 848

BD086401/c

LOCUS BD086401 22 bp DNA linear PAT 27-AUG-2002

DEFINITION KCNQ2 and KCNQ3-potassium channel genes mutated in benign familial neonatal convulsion (BFNC) and other convulsions.

ACCESSION BD086401

VERSION BD086401.1 GI:22632011

KEYWORDS JP 2001521041-A/79

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

AUTHORS Singh, N.A., Leppert, M.F. and Charlier, C.

TITLE 1 (bases 1 to 22)

JOURNAL KCNQ2 and KCNQ3-potassium channel genes mutated in benign familial neonatal convulsion (BFNC) and other convulsions

COMMENT Patent: JP 2001521041-A 79 06-NOV-2001;  
UNIVERSITY OF UTAH RESEARCH FOUNDATION  
OS Homo sapiens (human)  
PN JP 2001521041-A/79  
PD 06-NOV-2001  
PF 23-OCT-1998 JP 2000517983  
PR 24-OCT-1997 US 60/063147  
PI NANDA A SINGH, MARK F LEPPERT, CAROLE CHARLIER  
PC C07K16/18, A01K67/027, A61K48/00, A61P25/08, A61P43/00, C07K14/47,  
PC C12N5/10, A01K67/027, A61K48/00, A61P25/08, A61P43/00, C07K14/47,  
PC C12N15/09, C12P21/08, C12Q1/02, C12Q1/68, (C12P21/08, C12R1:31),  
PC C12N5/00,  
PC C12N15/00  
CC KCNQ2 and KCNQ3-potassium channel genes mutated in benign familial neonatal convulsion (BFNC) and other convulsions FH Key

FEATURES

source FT Location/Qualifiers

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/organism="Homo sapiens (human)"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 9.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4083 CCTCAGTGCCTGCCTACT 4100  
|||  
21 CCCGAGTGCCTGCCTACT 4

Db

RESULT 849

BD133981

LOCUS BD133981 22 bp DNA linear PAT 18-SEP-2002

DEFINITION Oligonucleotide for detecting phenol and trichloroethylene-digesting bacterium and method of using the same.

ACCESSION BD133981

VERSION BD133981.1 GI:23228926

KEYWORDS JP 2002085070-A/1

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Imamura, T., Yano, T. and Nomoto, T.

TITLE Oligonucleotide for detecting phenol and trichloroethylene-digesting bacterium and method of using the same

JOURNAL Patent: JP 2002085070-A 1 26-MAR-2002;  
CANON INC

COMMENT OS Artificial Sequence  
PN JP 2002085070-A/1  
PD 26-MAR-2002  
PF 08-SEP-2000 JP 2000273949  
PI TSUYOSHI IMAMURA, TETSUYA YANO, TAKESHI NOMOTO  
PC C12N15/09, C12Q1/68, (C12Q1/68, C12R1:01), (C12Q1/68, C12R1:05),  
PC (C12Q1/68, C12R1:38), C12N15/00  
CC Description of Artificial Sequence: Synthesized FH Key  
Location/Qualifiers

FT source 1..22  
/organism="Artificial Sequence".

FEATURES

source FT Location/Qualifiers

1..22  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 80.0%; Pred. No. 9.5e+02;  
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 510 ACCATGTCCTCCCTGCGAA 529  
|||||  
3 ACCATGAGCCCTACTGAA 22

Db

RESULT 850

AR137243

LOCUS AR137243 20 bp DNA linear PAT 16-JUN-2001

DEFINITION Sequence 1 from patent US 6197503.

ACCESSION AR137243

VERSION AR137243.1 GI:14478752

KEYWORDS Unknown.

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Vo-dinh, T., Wintenberg, A. and Ericson, M.N.

TITLE Integrated circuit biochip microsystem containing lens

JOURNAL Patent: US 6197503-A 1 06-MAR-2001;  
Location/Qualifiers

FEATURES

source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 9.1e+02;  
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4163 CTCCTCCTGCCCGC 4177  
|||||  
2 CTCCTCCTGCCCGC 16

Db

RESULT 851

BOVINE04

LOCUS BOVINE04 21 bp DNA linear MAM 06-FEB-1999

DEFINITION Bovine DNA for microsatellite marker, 3' terminus.

ACCESSION D83284

VERSION D83284.1 GI:1199701

KEYWORDS PCR primer.

SOURCE Bos taurus (cow)

ORGANISM Bos taurus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae; Bovinae; Bos.

AUTHORS 1 (bases 1 to 21)

TITLE Hirano, T., Nakane, S., Mizoshita, K., Yamakuchi, H., Inoue-Murayama, M., Watanabe, T., Batendse, W. and Sugimoto, Y.

JOURNAL Characterization of 42 highly polymorphic bovine microsatellite markers

COMMENT Anim. Genet. 27 (5), 365-368 (1996)

REFERENCE 97083737

MEDLINE 6930081

PUBMED

REFERENCE 2 (bases 1 to 21)

AUTHORS Hirano, T., Nakane, S., Mizoshita, K., Inoue-Murayama, M., Watanabe, T., Batendse, W. and Sugimoto, Y.

TITLE Characterization of 42 bovine microsatellite markers

JOURNAL Unpublished

REFERENCE 3 (bases 1 to 21)

AUTHORS Sugimoto, Y.

TITLE Direct Submission



## JOURNAL

Submitted (29-JAN-1996) Yoshikazu Sugimoto, Japan Live Stock Technology Association, Shitakawa Institute of Animal Genetics; Nishio Osakura, Nishishirakawa, Fukushima 961, Japan (E-mail: LD10322@niftyserve.or.jp, Tel:0248-25-5641, Fax:0248-25-5725)

## FEATURES

Location/Qualifiers

source 1. .21  
/organism="Bos taurus"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9913"  
misc\_feature <1. .21  
/note="microsatellite D1K062 PCR antisense primer"

## Query Match

Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

## Qy

278 CTTCTCTCTCTCTCTCTGC 238  
1 CTTCTCTCTCTCTCTCATAC 21

## RESULT 852

LOCUS A60166 21 bp DNA linear PAT 06-MAR-1998  
DEFINITION Sequence 54 from Patent WO9706260.

ACCESSION A60166  
VERSION A60166.1 GI:3715177

KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified

## REFERENCE

1 Perion, H., Beseme, F., Bedin, F., Paranhos-Baccala, G., Komurian-Pradel, F., Jolivet-Reynaud, C. and Mandrand, B. VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS ASSOCIATED WITH MULTIPLE SCLEROSIS USEFUL FOR DIAGNOSTIC, PREVENTIVE AND THERAPEUTIC PURPOSES

PATENT: WO 9706260-A 54 20-FEB-1997;  
BIO MERIEUX (FR)

Other publication FR 2737500 970207.

## COMMENT

Location/Qualifiers

1. .21  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3581 CTTGAGTTCTTCCCTAAGCC 3601  
1 CTTGAGTTCTTGCACCTAACC 21

## Db

## RESULT 853

LOCUS A65474 21 bp DNA linear PAT 29-MAR-1999  
DEFINITION Sequence 2 from Patent WO9735002.

ACCESSION A65474  
VERSION A65474.1 GI:4531209

KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified

## REFERENCE

1 Wils, P. and Olivier, M. PURIFICATION OF PHARMACEUTICAL-GRADE PLASMA DNA

## AUTHORS

JOURNAL RHONE-POULENC RORER SA (FR)  
Other publication AU 2166197 19971010  
Other publication FR 2746412 19970926.

## FEATURES

Location/Qualifiers

source 1. .21  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2800 AGGAGGAGAAATGAAGAG 2820  
21 AGGAGGAGAGAGAGAGAG 1

## Db

## RESULT 854

LOCUS A79516 21 bp DNA linear PAT 20-OCT-1999  
DEFINITION Sequence 54 from Patent EP0789077.

ACCESSION A79516  
VERSION A79516.1 GI:6092519

KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified

REFERENCE 1 (bases 1 to 21)

Jolivet-Reynaud, C. and Bedin, F. VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS ASSOCIATED WITH MULTIPLE SCLEROSE HAVING DIAGNOSTIC, PROPHYLACTIC AND THERAPEUTICAL USES  
PATENT: EP 0789077-A 54 13-AUG-1997;  
BIO MERIEUX (FR)

## FEATURES

Location/Qualifiers  
1. .21  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3581 CTTGAGTTCTTCCCTAAGCC 3601  
1 CTTGAGTTCTTGCACCTAACC 21

## Db

## RESULT 855

LOCUS AR020924 21 bp DNA linear PAT 05-DEC-1998  
DEFINITION Sequence 22 from patent US 5789223.

ACCESSION AR020924  
VERSION AR020924.1 GI:3975539

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)

Bergema, D. Jon., Stambolian, D. Edward., Ruben, S. M. and Rosen, C. A. Human galactokinase gene  
PATENT: US 5789223-A 22 04-AUG-1998;  
Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

## FEATURES

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 391 AGCAGCCGAGCCACCAAG 411  
1 AGCAGCCGAGGCTCCAGAG 21

## Db

[illegible]

Query Match	Score	DB 1	Length
Best Local Similarity	81.0%	Pred. No. 9.7e+02;	Indels 0; Gaps 0;
Matches 17; Conservative	0;	Mismatches 4;	Indels 0; Gaps 0;
Db	264	CCCCCCTCTCTCTTCTC 284	1 CCACCCCTCACTCTGCTTCTC 21
LOCUS	AR065838	21 bp	DNA
DEFINITION	Sequence 6 from patent US 5849564.	linear	PAT 29-SEP-1999
ACCESSION	AR065838		
VERSION	AR065838.1	GI:5996054	
KEYWORDS	Unknown.		
SOURCE	Unknown.		
ORGANISM	Unclassified.		
REFERENCE	1 (bases 1 to 21)		
AUTHORS	Chang,Y., Bohenzky,R.A., Ruben,J.J., Edelman,I.S. and Moore,P.S.		
TITLE	Polypeptides from Kaposi's sarcoma-associated herpesvirus, DNA encoding same and uses thereof		
JOURNAL	Patent: US 5849564-A 6 15-DEC-1998;		
FEATURES	Location/Qualifiers		
SOURCE	1..21		
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	/mol_type="unassigned DNA"		
Query Match	0.3%; Score 14.6;	DB 1;	Length 21;
Best Local Similarity	81.0%;	Pred. No. 9.7e+02;	
Matches 17; Conservative	0;	Mismatches 4;	Indels 0; Gaps 0;
Db	726	TCCATGAGTTCCTTCACCAAG 746	1 TGCATCAGCTTCTTCACCCAG 21
LOCUS	AR069037	21 bp	DNA
DEFINITION	Sequence 6 from patent US 5854398.	linear	PAT 29-SEP-1999
ACCESSION	AR069037		
VERSION	AR069037.1	GI:6001244	
KEYWORDS	Unknown.		
SOURCE	Unknown.		
ORGANISM	Unclassified.		
REFERENCE	1 (bases 1 to 21)		
AUTHORS	Chang,Y., Bohenzky,R.A., Ruben,J.J., Edelman,I.S. and Moore,P.S.		
TITLE	Kaposi's sarcoma-associated herpesvirus (KSHV) interleukin 6 (IL-6) and uses thereof		
JOURNAL	Patent: US 5854398-A 6 29-DEC-1998;		
FEATURES	Location/Qualifiers		
SOURCE	1..21		
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	/mol_type="unassigned DNA"		
Query Match	0.3%; Score 14.6;	DB 1;	Length 21;
Best Local Similarity	81.0%;	Pred. No. 9.7e+02;	
Matches 17; Conservative	0;	Mismatches 4;	Indels 0; Gaps 0;
Db	726	TCCATGAGTTCCTTCACCAAG 746	1 TGCATCAGCTTCTTCACCCAG 21

RESULT 861  
AR073030/c  
LOCUS AR073030 21 bp DNA linear PAT 28-AUG-2000  
DEFINITION Sequence 3 from patent US 5948680.  
ACCESSION AR073030  
VERSION AR073030.1 GI:9999793  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 21)  
AUTHORS Baker, B.F. and Cowse, L.M.  
TITLE Antisense inhibition of Elk-1 expression  
JOURNAL Patent: US 5948680-A 3 07-SEP-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 380 AAGCTGGTGCAGACCCAG 400  
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Db 21 AAGCTGGTGCAGACCCAG 1

RESULT 862  
AR080212/c  
LOCUS AR080212 21 bp DNA linear PAT 31-AUG-2000  
DEFINITION Sequence 18 from patent US 5968737.  
ACCESSION AR080212  
VERSION AR080212.1 GI:10006947  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 21)  
AUTHORS Ali-Osman, F., Lopez-Berestein, G., Birolamini, J.K., Antoun, G.,  
Lo, H.-W., Keller, C. and Akande, O.  
TITLE Method of identifying inhibitors of glutathione S-transferase (GST)  
JOURNAL Patent: US 5968737-A 18 19-OCT-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2346 GACCTCCTGTCCACGACCAG 2366  
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Db 21 GACCTCCTGTCCACGACCAG 1

RESULT 863  
AR084544  
LOCUS AR084544 21 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 33 from patent US 5981185.  
ACCESSION AR084544  
VERSION AR084544.1 GI:10011315  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 21)  
AUTHORS Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C. Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 33 09-NOV-1999;

FEATURES Location/Qualifiers  
source 1..21  
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Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2800 AGGAGGAGAAATGAAGAG 2820  
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Db 1 AAGAGAGAGAAAGAGAGAG 21

RESULT 864  
AR084572/c  
LOCUS AR084572 21 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 61 from patent US 5981185.  
ACCESSION AR084572  
VERSION AR084572.1 GI:10011343  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 21)  
AUTHORS Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C. Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 61 09-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2800 AGGAGGAGAAATGAAGAG 2820  
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Db 21 AAGAGAGAGAAAGAGAGAG 1

RESULT 865  
AR084573  
LOCUS AR084573 21 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 62 from patent US 5981185.  
ACCESSION AR084573  
VERSION AR084573.1 GI:10011344  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 21)  
AUTHORS Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C. Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 62 09-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2802 GAAGAGAAATGAAGAGAG 2822  
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Db 1 GAAGAGAGAGAGAGAGAG 21

RESULT 866  
AR084602/c  
LOCUS AR084602 21 bp DNA linear PAT 01-SEP-2000

DEFINITION Sequence 91 from patent US 5981185.  
ACCESSION AR084602  
VERSION AR084602.1 GI:10011373  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Matsun,R.S., Coasson,P.J., Rampal,J.B. and Caskey,C.Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 91 09-NOV-1999;  
FEATURES  
Source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2802 GAACGAGAAATGAAGAGA 2822  
Db 21 GAAGAGAGAGAGAGAGAA 1

RESULT 867  
AR094741  
LOCUS AR094741 21 bp DNA linear PAT 08-SEP-2000  
DEFINITION Sequence 54 from patent US 6001987.  
ACCESSION AR094741  
VERSION AR094741.1 GI:10021947  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Perron,H., Beseme,F., Bedin,F., Paranhos-Baccala,G., Komurian-Piradel,F., Jolivet-Reynaud,C. and Mandrand,B.  
TITLE Isolated nucleotide sequences associated with Multiple sclerosis  
JOURNAL Patent: US 6001987-A 54 14-DEC-1999;  
FEATURES  
Source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3581 CCTGAGTTCTTCCCTAAGCC 3601  
Db 1 CCGAGTTCTTGACCTAACCC 21

RESULT 868  
AR127836  
LOCUS AR127836 21 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 6 from patent US 6183751.  
ACCESSION AR127836  
VERSION AR127836.1 GI:14115498  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Chang,Y., Bohenzky,R.A., Russo,J.J., Edelman,I.S. and Moore,P.S.  
TITLE Unique associated Kaposi's Sarcoma virus sequences and uses thereof  
JOURNAL Patent: US 6183751-A 6 06-FEB-2001;  
FEATURES  
Source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 726 TCCATGAGCTTCTTCCACCA 746  
Db 1 TGCATCAGCTTCTTCCACCC 21

RESULT 869  
AR129447/c  
LOCUS AR129447 21 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 19 from patent US 6187533.  
ACCESSION AR129447  
VERSION AR129447.1 GI:14117344  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Bell,G.I., Yamagata,K., Oda,N., Kaisaki,P.J., Furuta,H., Horikawa,Y. and Menzel,S.  
TITLE Mutations in the diabetes susceptibility genes hepatocyte nuclear factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha  
JOURNAL Patent: US 6187533-A 19 13-FEB-2001;  
FEATURES  
Source 1..21  
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Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2221 GTCCCTTAACACTCAACC 2241  
Db 21 GTCCCATGTGACAGCTCACC 1

RESULT 870  
AR146251  
LOCUS AR146251 21 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 26 from patent US 6218187.  
ACCESSION AR146251  
VERSION AR146251.1 GI:15109440  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Finer,M.H., Dull,T.J., Zeebo,K.M., Cooke,K. and Farsen,D.A.  
TITLE Method for production of high titer virus and high efficiency retroviral mediated transduction of mammalian cells  
JOURNAL Patent: US 6218187-A 26 17-APR-2001;  
FEATURES  
Source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 264 CCCCCTCTCTCTCTCTC 284  
Db 1 CCACCCCTCACTCTCTCTC 21

RESULT 871  
AR163443  
LOCUS AR163443 21 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 5 from patent US 6270977.  
ACCESSION AR163443

VERSION AR163443.1 GI:16234046  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Klamm,R.Chris.  
TITLE Specific, highly sensitive, nested PCR detection scheme for the  
JOURNAL pseudorabies virus  
FEATURES Patent: US 6270977-A 5 07-AUG-2001;  
SOURCE Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 2233 TCACACCGCTTCACGACC 2253  
1 TCACGACCGCTTCACGACC 21

RESULT 872  
LOCUS AR165964 21 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 17 from patent US 6280942.  
ACCESSION AR165964  
VERSION AR165964.1 GI:16241080  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Morishima,N., Mizumura,H. and Shibata,T.  
TITLE Endonuclease  
JOURNAL Patent: US 6280942-A 17 28-AUG-2001;  
FEATURES Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 4414 ATATATATATATATATATA 4434  
1 ATATATATATCTTATATATA 21

RESULT 873  
LOCUS AR178205 21 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 24 from patent US 6319494.  
ACCESSION AR178205  
VERSION AR178205.1 GI:20219343  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Capon,D.V., Weiss,A., Irving,B.A., Roberts,M.R. and Zsebo,K.  
TITLE Chimeric chains for receptor-associated signal transduction  
JOURNAL Patent: US 6319494-A 24 20-NOV-2001;  
FEATURES Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 264 CCCCCCTCTCTCTCTTC 284  
1 CCACCCCTCCTCTGCTTC 21

RESULT 874  
LOCUS AR178309/c 21 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 26 from patent US 6319672.  
ACCESSION AR178309  
VERSION AR178309.1 GI:20219447  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Crouzet,J., Scherman,D., Wile,P., Blanche,F. and Cameron,B.  
TITLE Purification of a triple helix formation with an immobilized  
JOURNAL oligonucleotide  
FEATURES Patent: US 6319672-A 26 20-NOV-2001;  
SOURCE Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 2800 AGGAGGAGGAATGAGAG 2820  
21 AAGAGGAGGAGGAGAG 1

RESULT 875  
LOCUS AR178319 21 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 36 from patent US 6319672.  
ACCESSION AR178319  
VERSION AR178319.1 GI:20219457  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Crouzet,J., Scherman,D., Wile,P., Blanche,F. and Cameron,B.  
TITLE Purification of a triple helix formation with an immobilized  
JOURNAL oligonucleotide  
FEATURES Patent: US 6319672-A 36 20-NOV-2001;  
SOURCE Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 2802 GAAGGAGGAATGAGAG 2822  
1 GAAGGAGGAGGAGAGGAA 21

RESULT 876  
LOCUS BD190703 21 bp DNA linear PAT 17-JUL-2003  
DEFINITION Unique associated Kaposi's sarcoma virus sequences and uses  
ACCESSION BD190703  
VERSION BD190703.1 GI:33000442

KEYWORDS JP 2002513274-A/3.  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
 1 (bases 1 to 21)  
 Chang, Y., Bohenzky, R.A., Rusno, J.J., Edelman, I.S. and Moor, P.S.  
 Unique associated Kaposi's sarcoma virus sequences and uses thereof  
 Patent: JP 2002513274-A 3 08-MAY-2002;  
 THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK  
 PN JP 2002513274-A/3  
 PD 08-MAY-2002  
 PR 22-JUL-1997 JP 1998509105  
 PR 25-JUL-1996 US 08/686349,25-JUL-1996 US 08/687253 PR  
 25-JUL-1996 US 08/686350,25-JUL-1996 US 08/688814 PR  
 25-JUL-1996 US 08/686243,05-SEP-1996 US 08/708678 PR  
 10-OCT-1996 US 08/728323,13-NOV-1996 US 08/748640 PR  
 13-NOV-1996 US 08/747887,29-NOV-1996 US 08/757659 PI YUAN  
 CHANG, ROY A BOHENZKY, JAMES J RUSSO, ISIDORE S EDELMAN, PI PATRICK S MOORE  
 PC C07H21/04, C12Q1/68, C12P19/34, C12N15/10  
 CC Strandedness: Single;  
 CC Topology: Linear;  
 FH Key Location/Qualifiers.  
 FEATURES  
 source 1. .21  
 /organism="Homo sapiens"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:9606"  
 Query Match 0.3%; Score 14.6; DB 1; Length 21;  
 Best Local Similarity 81.0%; Pred. No. 9,7e+02;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 726 TCCATGCGTCTTCCACCAAG 746  
 1 TGCATCAGCTTCTTCCACCAAG 21  
 Db  
 RESULT 877  
 LOCUS BD227429 21 bp DNA linear PAT 17-JUL-2003  
 DEFINITION Ehrlichia canis 120-kDa immunodominant antigenic protein gene.  
 ACCESSION BD227429  
 VERSION BD227429.1 GI:33037199  
 KEYWORDS JP 2002523087-A/1.  
 SOURCE JP 2002523087-A/1.  
 ORGANISM JP 2002523087-A/1.  
 REFERENCE 1 (bases 1 to 21)  
 Walker, D.H. and Yu, X.J.  
 Ehrlichia canis 120-kDa immunodominant antigenic protein gene  
 Patent: JP 2002523087-A 1 30-JUL-2002;  
 RESEARCH DEVELOPMENT FOUNDATION  
 OS Artificial Sequence  
 PN JP 2002523087-A/1  
 PD 30-JUL-2002  
 PR 27-AUG-1999 JP 2000567675  
 PR 27-AUG-1998 US 09/141047  
 PI DAVID H WALKER, XU JIE YU  
 PC C12N15/09, C12N15/09, A61K38/00, A61K39/02, A61K48/00, A61P31/04,  
 PC A61P37/04,  
 PC C07K14/29, C07K16/12, C12N1/15, C12N1/19, C12N1/21, C12N5/10// PC  
 C12P21/08,  
 PC (C12N15/09, C12R1:01), C12N15/00, C12N15/00, C12N5/00, A61K37/02,  
 PC (C12N15/00, C12R1:01)  
 CC Forward primer pxcf2-2 used to amplify the gene encoding the  
 CC 120 kDa  
 CC immunoreactive protein  
 FH key Location/Qualifiers  
 primer bind -341..-321.  
 FT Location/Qualifiers  
 source 1. .21

/organism="synthetic construct"  
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 Best Local Similarity 81.0%; Pred. No. 9,7e+02;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 612 GAGTCATCTCCCGGCATAC 632  
 1 GAAACATCTTACCGGCATAC 21  
 Db  
 RESULT 878  
 LOCUS BD230876 21 bp DNA linear PAT 17-JUL-2003  
 DEFINITION Total genome radiation hybrid map of canine genome and its use for  
 identification of interesting genes.  
 ACCESSION BD230876  
 VERSION BD230876.1 GI:33040646  
 KEYWORDS JP 2002530091-A/745.  
 SOURCE JP 2002530091-A/745.  
 ORGANISM JP 2002530091-A/745.  
 REFERENCE 1 (bases 1 to 21)  
 Galibert, F. and Andre, C.  
 Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.  
 Total genome radiation hybrid map of canine genome and its use for  
 identification of interesting genes  
 Patent: JP 2002530091-A 745 17-SEP-2002;  
 CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE  
 OS Canis familiaris (dog)  
 PN JP 2002530091-A/745  
 PD 17-SEP-2002  
 PR 15-NOV-1998 JP 2000582596  
 PR 13-NOV-1998 US 60/108193  
 PI FRANCIS GALIBERT, CATHERINE ANDRE  
 PC C12N15/09, C12Q1/68, C12N15/00  
 CC ATH133  
 CC key  
 FH key Location/Qualifiers  
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 QY 2613 AGCCCTGCTTTCGCCATTT 2633  
 1 AGCCCTGAGTGTGCTACATTT 21  
 Db  
 RESULT 879  
 LOCUS BD250646 21 bp DNA linear PAT 17-JUL-2003  
 DEFINITION Identification of genetic targets for modulation by  
 oligonucleotides and generation of oligonucleotides for gene  
 modulation.  
 ACCESSION BD250646  
 VERSION BD250646.1 GI:33060416  
 KEYWORDS JP 2002511276-A/200.  
 SOURCE JP 2002511276-A/200.  
 ORGANISM JP 2002511276-A/200.  
 REFERENCE 1 (bases 1 to 21)  
 Cowest, L.M., Baker, B.F., Mcneil, J., Freier, S.M., Sasnor, H.M.,  
 Brooks, D.G., Ohashi, C., Wyatt, J.R., Borchers, A.H. and Vlkars, T.A.  
 Identification of genetic targets for modulation by

oligonucleotides and generation of oligonucleotides for gene modulation  
Patent: JP 2002511276-A 200 16-APR-2002;  
ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2002511276-A/200

COMMENT  
PI 16-APR-2002  
PD 16-APR-2002  
PF 13-APR-1999 JP 2000543647  
PR 13-APR-1998 US 60/081483, 28-APR-1998 US 09/067638 PI  
LEX M CONSER, BRENDA F BAKER, JOHN MCNEILL, SUSAN M FRIER, HENRI PI  
M SASHOR,  
PI DOUGLAS G BROOKS, CARA OHASI, JACQUELINE R WYATT, ALEXANDER H PI  
BORCHERS,  
PI TIMOTHY A VIKKARS  
PC C12N15/09, C07B61/00, C07B61/00, C12Q1/68, G06F17/30, G06F17/50, PC  
C12N15/00  
CC PCR Primer  
FH Key  
FT source  
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1. .21  
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Query Match 0.3%; Score 14.6; DB 1; Length 21;  
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Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 380 AAGCTGTGCAGACGCGAG 400  
Db 21 AAGCTGTGCAGTGCAGAGAG 1

RESULT 880  
BD266047/c  
LOCUS BD266047  
DEFINITION Universal arrays.  
ACCESSION BD266047  
VERSION BD266047.1 GI:33075815  
KEYWORDS JP 2002539849-A/47.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
1 (bases 1 to 21)  
Fan, J.B., Hirschhorn, J.N., Huang, X., Kaplan, P., Lander, E.S.,  
Lockhart, D.J., Ryder, T. and Sklar, P.  
Universal arrays  
Patent: JP 2002539849-A 47 26-NOV-2002;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, AFFYMETRIX INC  
OS Homo sapiens (human)  
PN JP 2002539849-A/47  
PD 26-NOV-2002  
PF 27-MAR-2000 JP 2000608794  
PR 26-MAR-1999 US 60/126673, 23-JUN-1999 US 60/140359 PI  
JIAN BING FAN, JOEL N HIRSCHHORN, XIAOHUA  
HUANG, PAUL KAPLAN, ERIC  
PI S LANDER,  
PI DAVID J LOCKHART, THOMAS RYDER, PAMELA SKLAR  
PC C12Q1/68, C12M1/00, C12N15/09, C12N15/09, C12N15/09, G01N33/53, PC  
G01N33/56  
CC G01N37/00, C12N15/00, C12N15/00, C12N15/00  
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QY 552 AAGCGGAGGAGCTGCTTTC 572  
Db 21 AAGGAGAAAGCGCTTTC 1

RESULT 881  
CO754826  
LOCUS CO754826  
DEFINITION Sequence 42 from Patent EP1378519.  
ACCESSION CO754826  
VERSION CO754826.1 GI:44845861  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Flegel, W.A. and Wagner, F.F.  
TITLE Sciatoma antigens  
JOURNAL Patent: EP 1378519-A 42 07-JAN-2004;  
BIOTEST AG (DE)  
Location/Qualifiers  
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/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: primer"

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Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2830 GGGAGCTGTGCTGAAGTTG 2850  
Db 1 GGGAGCTGTGAGTGAAGATNG 21

RESULT 882  
CO778285/c  
LOCUS CO778285  
DEFINITION Sequence 1971 from Patent EP1394274.  
ACCESSION CO778285  
VERSION CO778285.1 GI:45381003  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Ohtani, N., Sugita, Y., Yamaya, M., Kubo, H., Nagai, H. and Izuhara, K.  
TITLE Methods of testing for bronchial asthma or chronic obstructive  
pulmonary disease  
JOURNAL Patent: EP 1394274-A 1971 03-MAR-2004;  
Genox Research, Inc. (JP)  
PC C12Q1/68, C12M1/00, C12N15/09, C12N15/09, C12N15/09, G01N33/53, PC  
G01N33/56  
CC G01N37/00, C12N15/00, C12N15/00, C12N15/00  
FH Key  
FT source  
Location/Qualifiers  
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Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2369 GCTCAGAGAGAGAGAGCA 2389  
Db 21 GCTGACTGAGAGAGATGAGCA 1

RESULT 883  
LOCUS CO798291 21 bp DNA linear PAT 20-APR-2004  
DEFINITION Sequence 8 from Patent WO2004029229.  
ACCESSION CO798291  
VERSION CO798291.1 GI:46426692  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Arenas,E., Wagner,J., Branco,G.C. and Sousa,K.  
TITLE Method and materials relating to neurogenesis  
JOURNAL Patent: WO 2004029229-A 8 08-APR-2004;  
Neuro Therapeutics AB (SE)  
FEATURES  
source Location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2061 CTGGGACCAAGAGCGCTG 2081  
Db 1 CTGGGACCAAGAGCGACTTG 21

RESULT 884  
LOCUS CO830493 21 bp DNA linear PAT 12-JUL-2004  
DEFINITION Sequence 5 from Patent WO2004055153.  
ACCESSION CO830493  
VERSION CO830493.1 GI:50250833  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Schluesener,H. and Wendel,H.P.  
TITLE Devices coated with substances that mediate the adhesion of  
JOURNAL biological material  
Patent: WO 2004055153-A 5 01-JUL-2004;  
Eberhard-Karls-Universitaet Tuebingen (DE)  
FEATURES  
source Location/Qualifiers  
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Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2802 GAAGAGAAATGAAGAAGA 2822  
Db 21 GAAGAGAAAGAAAGAA 1

RESULT 885  
LOCUS CO830954 21 bp DNA linear PAT 29-JUL-2004  
DEFINITION Sequence 39 from Patent EP1437417.  
ACCESSION CO830954  
VERSION CO830954.1 GI:50831089  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source Location/Qualifiers  
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/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Nukleotidsequenz"

REFERENCE 1  
AUTHORS Park,J.G., Kim,I.J., Kang,H.C. and Park,J.H.  
TITLE Beta-catenin oligonucleotide microchip and method for detecting  
JOURNAL beta-catenin mutations employing same  
Patent: EP 1437417-A 39 14-JUL-2004;  
National Cancer Center (KR)  
FEATURES  
source Location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4947 ATGTATTCATCTGCTGGTA 4967  
Db 21 ATGATTCATATGTCAGGTA 1

RESULT 886  
LOCUS E27053 21 bp DNA linear PAT 18-JUN-2001  
DEFINITION Novel receptor protein and utilization of the same.  
ACCESSION E27053  
VERSION E27053.1 GI:13026383  
KEYWORDS JP 1999152300-A/8.  
SOURCE JP 1999152300-A/8.  
ORGANISM unidentified  
unclassified  
unclassified  
1 (bases 1 to 21)  
REFERENCE  
1 Kazunori,N., Yasushi,A. and Takashi,H.  
TITLE Novel receptor protein and utilization of the same  
JOURNAL Patent: JP 1999152300-A 8 08-JUN-1999;  
TAKEDA CHEM IND LTD  
COMMENT  
OS Unidentified  
PN JP 1999152300-A/8  
PD 08-JUN-1999  
PF 24-APR-1998 JP 1998114450  
PR  
PI KAZUNORI NISHI,YASUSHI ARAVA,TAKASHI HORIGUCHI PC  
C07K14/715,A61K45/00,C07K16/28,C12N15/09,C12P21/02,PC  
C12Q1/02//A61K48/00,  
PC C12N5/10,(C12N15/09,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,  
PC C12N5/00,  
PC (C12N15/00,C12R1:91)  
CC Strandedness: Single;  
CC Topology: Linear;  
CC Key  
FH Key  
FT source Location/Qualifiers  
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Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 768 TACAGAGGAAACATGGCG 788  
Db 1 TTCTAGAGTAAACATGGCG 21

RESULT 887  
LOCUS E59395 21 bp DNA linear PAT 31-JAN-2002  
DEFINITION Method for differentiating varieties of pig by DNA sequence  
ACCESSION E59395  
POLYMORPHISM.



VERSION ES9395.1 GI:18622530  
KEYWORDS JP 2000350586-A/19.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Mitsuhashi, T. and Okumura, N.  
TITLE Method for differentiating varieties of pig by DNA sequence  
JOURNAL Patent: JP 2000350586-A 19 19-DEC-2000;  
LIVESTOCK EXPERIMENT STATION MINISTRY OF AGRICULTURE FORESTRY AND  
FISHERIES, SOCIETY FOR TECHNO-INNOVATION OF AGRICULTURE FORESTRY  
AND FISHERIES, TADAYOSHI MITSUHASHI  
OS Artificial Sequence  
PN JP 2000350586-A/19  
PD 19-DEC-2000  
PF 11-JUN-1999 JP 1999165269  
PR  
PI TADAYOSHI MITSUHASHI, NAOHITO OKUMURA  
PC C12N15/09, C12Q1/68, G01N33/50, C12N15/00  
CC  
FH Key Location/Qualifiers  
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Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2875 CCATTATCTGACCTGAGT 2895  
Db 1 CCAATACCTCTGAACCTTAGT 21  
RESULT 888  
LOCUS E60076 21 bp DNA linear PAT 18-JUN-2001  
DEFINITION Endonuclease.  
ACCESSION E60076  
VERSION E60076.1 GI:13023326  
KEYWORDS JP 2000041686-A/16.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Nobuhiko, M., Hikaru, M. and Takehiko, S.  
TITLE Endonuclease  
JOURNAL Patent: JP 2000041686-A 16 15-FEB-2000;  
RIKAGAKU KENKYUSHO  
OS Artificial Sequence  
PN JP 2000041686-A/16  
PD 15-FEB-2000  
PF 24-MAY-1999 JP 1999144005  
PR  
PI NOBUHIRO MORISHIMA, HIKARU MIZUMURA, TAKEHIKO SHIBATA  
PC C12N15/09, C12N1/19, C12N1/19, C12N1/21, C12N5/10, C12N9/16// PC  
(C12N9/16, C12R1/19), C12N15/00, C12N5/00  
CC  
FH Key Location/Qualifiers  
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/mol\_type='genomic DNA'  
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Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 4414 ATAAATATATATATATATAT 4434  
Db 1 ATAAATATATATATATATATAT 21  
RESULT 889  
LOCUS I28143/c 21 bp DNA linear PAT 06-FEB-1997  
DEFINITION Sequence 315 from patent US 5567809.  
ACCESSION I28143  
VERSION I28143.1 GI:1818919  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Apple, R.J., Erlich, H.A., Griffith, R.L. and Scharf, S.J.  
TITLE Methods and reagents for HLA DRbeta DNA typing  
JOURNAL Patent: US 5567809-A 315 22-OCT-1996;  
FEATURES  
source 1..21  
/organism='unknown'  
/mol\_type='unassigned DNA'  
Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1704 CCGGAGCCCGACATGATCACC 1724  
Db 21 CCGGCCCGACATGATCACC 1  
RESULT 890  
LOCUS I30539 21 bp DNA linear PAT 06-FEB-1997  
DEFINITION Sequence 2 from patent US 5580969.  
ACCESSION I30539  
VERSION I30539.1 GI:1821330  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hoke, G.D., Bradley, M.O., Williams, T.J. and Lee, C.-H.  
TITLE Antisense oligonucleotides directed against human ICAM-1 RNA  
JOURNAL Patent: US 5580969-A 2 03-DEC-1996;  
FEATURES  
source 1..21  
/organism='unknown'  
/mol\_type='unassigned DNA'  
Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 555 GCGGAGAGCTGCTTCCAGC 575  
Db 1 GCGGCGGTGCTGCTTCCCG 21  
RESULT 891  
LOCUS I49133 21 bp DNA linear PAT 07-OCT-1997  
DEFINITION Sequence 7 from patent US 5627277.  
ACCESSION I49133  
VERSION I49133.1 GI:2467596  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
FEATURES  
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/organism='unknown'  
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Query Match 0.3%; Score 14.6; DB 1; Length 21;  
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Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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REFERENCE 1 (bases 1 to 21)
AUTHORS Cohen,A.S., Bourque,A. and Vilenchik,M.
TITLE Method for analyzing oligonucleotide analogs
JOURNAL Patent: US 5627277-A 7 06-MAY-1997;
FEATURES
SOURCE
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Query Match
Best Local Similarity 81.0%; Pred. No. 9.7e+02; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 263 CCCCCCCTCTCTCTCTTCT 283
Db 1 CGCACCATCTCTCTCTCTCT 21

RESULT 892
LOCUS 173330 21 bp DNA linear PAT 03-APR-1998
DEFINITION Sequence 26 from patent US 5686279.
ACCESSION 173330
VERSION 173330.1 GI:3009469
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Finer,M.H., Roberts,M.R., Dull,T.J., Zeebo,K.M., Qin,L. and
Farrson,D.A.
TITLE Method for production of high titer virus and high efficiency
retroviral mediated transduction of mammalian cells
JOURNAL Patent: US 5686279-A 26 11-NOV-1997;
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SOURCE
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Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 264 CCCCCCCTCTCTCTCTTCTC 284
Db 1 CCACCCCTCACTCGCTTCTC 21

RESULT 893
LOCUS AR194738 21 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 6 from patent US 6348586.
ACCESSION AR194738
VERSION AR194738.1 GI:20241330
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Chang,Y., Bohenzky,R.A., Russo,J.J., Edelman,I.S. and Moore,P.S.
TITLE Unique associated Kaposi's sarcoma virus sequences and uses thereof
JOURNAL Patent: US 6348586-A 6 19-FEB-2002;
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Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 726 TCCATGAGTTCTTCCACCAAG 746

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Db 1 TGCATCAGCTTCTTCCACCAAG 21

RESULT 894
LOCUS AR213252/c 21 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 16 from patent US 6403360.
ACCESSION AR213252
VERSION AR213252.1 GI:23310384
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Bianar,M.A., Levesque,P.C., Little,W.A., Neubauer,M.G. and
Yang,W.-P.
TITLE Kcno potassium channels and methods of modulating same
JOURNAL Patent: US 6403360-A 16 11-UN-2002;
FEATURES
SOURCE
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Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2614 GCCCTGCTTTGCCACATTTG 2634
Db 21 GCACGCTTTGCCACATCTG 1

RESULT 895
LOCUS AR214487 21 bp mRNA linear PAT 25-SEP-2002
DEFINITION Sequence 24 from patent US 6407221.
ACCESSION AR214487
VERSION AR214487.1 GI:23312312
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Capon,D.J., Weisb,A., Irving,B.A., Roberts,M.R. and Zeebo,K.
TITLE Chimeric chains for receptor-associated signal transduction
pathways
JOURNAL Patent: US 6407221-A 24 18-JUN-2002;
FEATURES
SOURCE
    /organism="unknown"
    /mol_type="mRNA"

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 264 CCCCCCCTCTCTCTTCTC 284
Db 1 CCACCCCTCACTCGCTTCTC 21

RESULT 896
LOCUS AR265749 21 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 19 from patent US 6492164.
ACCESSION AR265749
VERSION AR265749.1 GI:29694590
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Crouzet,J., Scherman,D., Cameron,B., Wile,P. and Darquet,A.-M.

```

TITLE Circular DNA expression cassettes for gene transfer  
JOURNAL Patent: US 6492164-A 19 10-DEC-2002;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2800 AGAAGAGAGAAATGAGAGAG 2820  
|||||  
Db 21 AAGAAGAGAGAGAGAGAGAG 1

RESULT 897  
AR274841 21 bp DNA linear PAT 10-APR-2003  
LOCUS AR274841  
DEFINITION Sequence 26 from patent US 6506604.  
ACCESSION AR274841  
VERSION AR274841.1 GI:29707390  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Finer,M.H., Dull,T.J., Zsebo,K.M., Cooke,K. and Parson,D.A.  
TITLE Method for production of high titer virus and high efficiency  
retroviral mediated transduction of mammalian cells  
JOURNAL Patent: US 6506604-A 26 14-JAN-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 264 CCCCCCTCTCTCTCTTCTC 284  
|||||  
Db 1 CCACCCCTCACTCTGCTTCTC 21

RESULT 898  
AR285271 21 bp DNA linear PAT 10-APR-2003  
LOCUS AR285271  
DEFINITION Sequence 17 from patent US 6528296.  
ACCESSION AR285271  
VERSION AR285271.1 GI:29722371  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Morishima,N., Mizumura,H. and Shibata,T.  
TITLE Endonuclease  
JOURNAL Patent: US 6528296-A 17 04-MAR-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4414 ATATATATATATATATATA 4434  
|||||  
Db 1 ATATATATATATATATATA 21

RESULT 899  
AR292227/c 21 bp DNA linear PAT 12-JUN-2003  
LOCUS AR292227  
DEFINITION Sequence 3962 from patent US 6537751.  
ACCESSION AR292227  
VERSION AR292227.1 GI:31679511  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Ballelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 3962 25-MAR-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2465 CAATACGCTTACACCAAGCA 2485  
|||||  
Db 21 CAATCAGCTTCCACAAAGCA 1

RESULT 900  
AR296742/c 21 bp DNA linear PAT 12-JUN-2003  
LOCUS AR296742  
DEFINITION Sequence 8477 from patent US 6537751.  
ACCESSION AR296742  
VERSION AR296742.1 GI:31684026  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Ballelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 8477 25-MAR-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 47 CCACTTCTGTGCCCACTAT 67  
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Db 21 CCACTTCTTTCCTTCACTTAT 1

RESULT 901  
AR299064 21 bp DNA linear PAT 12-JUN-2003  
LOCUS AR299064  
DEFINITION Sequence 10799 from patent US 6537751.  
ACCESSION AR299064  
VERSION AR299064.1 GI:31686348  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Ballelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 10799 25-MAR-2003;

FEATURES  
Source  
Location/Qualifiers  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4460 CATGATGTGCCAAGTGTG 4480  
Db 1 CAGGATGTTCCAGCTCTGTG 21

RESULT 902  
AR343188  
LOCUS AR343188 21 bp mRNA linear PAT 17-AUG-2003  
DEFINITION Sequence 54 from patent US 6579526.  
ACCESSION AR343188  
VERSION AR343188.1 GI:33738690  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Perron,H., Beseme,F., Bedin,F., Paranhos-Baccala,G., Komurian-Pradel,F., Jolivet-Reynaud,C. and Mandrand,B.  
TITLE Viral material and nucleotide fragments associated with multiple sclerosis, for diagnostic, prophylactic and therapeutic purposes  
JOURNAL Patent: US 6579526-A 54 17-JUN-2003;  
FEATURES  
Source  
Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="mRNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3581 CCTGAGTTCTTCCTTAAGCC 3601  
Db 1 CCTGAGTTCTTCGACTAACC 21

RESULT 903  
AR344341  
LOCUS AR344341 21 bp mRNA linear PAT 17-AUG-2003  
DEFINITION Sequence 50 from patent US 6582703.  
ACCESSION AR344341  
VERSION AR344341.1 GI:33740282  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Perron,H., Beseme,F., Bedin,F., Paranhos-Baccala,G., Komurian-Pradel,F., Jolivet-Reynaud,C. and Mandrand,B.  
TITLE Isolated nucleotide sequences associated with multiple sclerosis or rheumatoid arthritis and a process of detecting  
JOURNAL Patent: US 6582703-A 50 24-JUN-2003;  
FEATURES  
Source  
Location/Qualifiers  
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/organism="unknown"  
/mol\_type="mRNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3581 CCTGAGTTCTTCCTTAAGCC 3601  
Db 1 CCTGAGTTCTTCGACTAACC 21

RESULT 904  
AR361464  
LOCUS AR361464 21 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 44 from patent US 6599727.  
ACCESSION AR361464  
VERSION AR361464.1 GI:33769302  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Christenson,E., Demaggio,A.J., Goldman,P.S. and McElligott,D.L.  
TITLE Human poly (ADP-ribose) polymerase 2 materials and methods  
JOURNAL Patent: US 6599727-A 44 29-JUL-2003;  
FEATURES  
Source  
Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2892 GAGTACCTGCTAGACGAC 2912  
Db 1 GAGCACCCCTCGGACGAC 21

RESULT 905  
AR488158  
LOCUS AR488158 21 bp DNA linear PAT 15-MAY-2004  
DEFINITION Sequence 19 from patent US 6706952.  
ACCESSION AR488158  
VERSION AR488158.1 GI:47253932  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cad R.M. and Dietrich R.A.  
TITLE Arabidopsis gene encoding a protein involved in the regulation of SAR gene expression in plants  
JOURNAL Patent: US 6706952-A 19 16-MAR-2004;  
FEATURES  
Source  
Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2802 GAAGGAGAAATGATGAGCA 2822  
Db 1 GAAGGGGAAAAACATGAGCA 21

RESULT 906  
AX016235/c  
LOCUS AX016235 21 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 2 from Patent WO949067.  
ACCESSION AX016235  
VERSION AX016235.1 GI:10041812  
KEYWORDS  
SOURCE Synthetic construct  
ORGANISM Synthetic construct  
REFERENCE 1  
AUTHORS Wile,P., Ciolina,C. and Scherman,D.  
TITLE Nucleic acid transfer vectors, compositions containing same and uses  
JOURNAL Patent: WO 949067-A 2 30-SEP-1999;

WILS PIERRE (FR) ; CIOLINA CAROLE (FR) ; SCHERMAN DANIEL (FR) ; RHONE  
POULENC RORER SA (FR)

FEATURES  
source location/Qualifiers

1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="misc\_binding"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 2800 AGAAGAGAGAAATGAGAGAG 2820

Db 21 AAGAAGAGAGAGAGAGAG 1

RESULT 907  
AX058360

LOCUS AX058360 21 bp DNA linear PAT 17-JAN-2001  
DEFINITION Sequence 44 from Patent WO0077179.

ACCESSION AX058360  
VERSION AX058360.1 GI:12310820

KEYWORDS  
SOURCE synthetic construct

ORGANISM  
REFERENCE 1  
artificial sequences.

AUTHORS Christenson,E., Demaggio,A.J., Goldman,P.S. and Mcelligott,D.L.

TITLE Human poly(adp-ribose) polymerase 2 materials and methods

JOURNAL Patent: WO 0077179-A 44 21-DEC-2000;  
ICOS CORPORATION (US)

FEATURES  
source location/Qualifiers

1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 2892 GAGTACCTGCTAGACGACAC 2912

Db 1 GAGCACCCCTGACGACGAC 21

RESULT 908  
AX073503

LOCUS AX073503 21 bp DNA linear PAT 06-FEB-2001  
DEFINITION Sequence 2 from Patent WO0104317.

ACCESSION AX073503  
VERSION AX073503.1 GI:12709943

KEYWORDS  
SOURCE Riemerella anatipestifer

ORGANISM Riemerella anatipestifer

REFERENCE 1  
Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales;  
Flavobacteriaceae; Riemerella.

AUTHORS Frey,J. and Sumathi,S.

TITLE omp a gene for an outer membrane protein of Riemerella

JOURNAL anatipestifer and methods of use

Patent: WO 0104317-A 2 18-JAN-2001;  
Institute of Molecular Agrobiolology (SG)

FEATURES  
source location/Qualifiers

1..21  
/organism="Riemerella anatipestifer"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:34085"

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 270 CTCCTCTCTTCTCTCTCTC 290

Db 1 CTCCTCTCTCTCTCTCTCTC 21

RESULT 909  
AX095648/c

LOCUS AX095648 21 bp DNA linear PAT 30-MAR-2001  
DEFINITION Sequence 826 from Patent WO0118250.

ACCESSION AX095648  
VERSION AX095648.1 GI:13511875

KEYWORDS  
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1  
Homo sapiens

AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and

Mccarthy,J.J.

TITLE Single nucleotide polymorphisms in genes

Patent: WO 0118250-A 826 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium

Pharmaceuticals, Inc. (US)

FEATURES  
source location/Qualifiers

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 1542 CTCGACCTCATTAAGTCACAG 1562

Db 21 CTCGACATCAGAGACACAG 1

RESULT 910  
AX095650/c

LOCUS AX095650 21 bp DNA linear PAT 30-MAR-2001  
DEFINITION Sequence 828 from Patent WO0118250.

ACCESSION AX095650  
VERSION AX095650.1 GI:13511877

KEYWORDS  
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and

Mccarthy,J.J.

TITLE Single nucleotide polymorphisms in genes

Patent: WO 0118250-A 828 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium

Pharmaceuticals, Inc. (US)

FEATURES  
source location/Qualifiers

1..21  
/organism="Homo sapiens"  
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/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 1030 GTGGGCTTCAGAGAGCATC 1050

Db 21 GTGGGCTTCCTAATAGCATC 1

RESULT 911  
LOCUS AX097262/c 21 bp DNA linear PAT 30-MAR-2001  
DEFINITION Sequence 2440 from Patent WO0118250.  
ACCESSION AX097262  
VERSION AX097262.1 GI:13513676  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
REFERENCE  
1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and McCarty, J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 2440 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium Pharmaceuticals, Inc. (US)  
FEATURES  
source location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 5207 AGGGAATGCAACCCACATTCC 5227  
|||||  
21 AGGGAATCCAKCCACGATTC 1  
Db  
RESULT 912  
LOCUS AX107828/c 21 bp DNA linear PAT 30-APR-2001  
DEFINITION Sequence 3 from Patent WO0125287.  
ACCESSION AX107828  
VERSION AX107828.1 GI:13923226  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
1 artificial sequences.  
Freitag, R. and Garret-Flaudy, F.  
TITLE Affinity macroligands  
JOURNAL Patent: WO 0125287-A 3 12-APR-2001;  
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (CH)  
FEATURES  
source location/Qualifiers  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"  
Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2800 AGGAGAGAGAAAATGAGAGAG 2820  
|||||  
21 AAGAGAGAGAGAGAGAGAG 1  
Db  
RESULT 913  
LOCUS AX107829 21 bp DNA linear PAT 30-APR-2001  
DEFINITION Sequence 4 from Patent WO0125287.  
ACCESSION AX107829  
VERSION AX107829.1 GI:13923227  
KEYWORDS  
SOURCE synthetic construct

ORGANISM synthetic construct  
artificial sequences.  
REFERENCE  
1 Freitag, R. and Garret-Flaudy, F.  
TITLE Affinity macroligands  
JOURNAL Patent: WO 0125287-A 4 12-APR-2001;  
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (CH)  
FEATURES  
source location/Qualifiers  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"  
Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2802 GAAGAGAGAAAATGAGAGAGA 2822  
|||||  
1 GAAGAGAGAGAGAGAGAGA 21  
Db  
RESULT 914  
LOCUS AX107830/c 21 bp DNA linear PAT 30-APR-2001  
DEFINITION Sequence 5 from Patent WO0125287.  
ACCESSION AX107830  
VERSION AX107830.1 GI:13923228  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
1 artificial sequences.  
Freitag, R. and Garret-Flaudy, F.  
TITLE Affinity macroligands  
JOURNAL Patent: WO 0125287-A 5 12-APR-2001;  
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (CH)  
FEATURES  
source location/Qualifiers  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"  
Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2802 GAAGAGAGAAAATGAGAGAGA 2822  
|||||  
21 GAAGAGAGAGAGAGAGAGA 1  
Db  
RESULT 915  
LOCUS AX118242/c 21 bp DNA linear PAT 11-MAY-2001  
DEFINITION Sequence 3365 from Patent WO0129262.  
ACCESSION AX118242  
VERSION AX118242.1 GI:14035193  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
1 artificial sequences.  
Picoult-Newburg, L. and Pohl, M.  
TITLE Genotyping reagents, kits and methods of use thereof  
JOURNAL Patent: WO 0129262-A 3365 26-APR-2001;  
Orchid Biosciences, Inc. (US)  
FEATURES  
source location/Qualifiers  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 73 CTAGCCGATGCTTCTTACGAA 93  
DB 21 CTAGCCCTGCTCTCTAGAA 1

RESULT 916  
AX287725 21 bp DNA linear PAT 21-NOV-2001  
LOCUS  
DEFINITION Sequence 111 from Patent WO0179481.  
ACCESSION AX287725  
VERSION AX287725.1 GI:17049481  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS  
TITLE  
Ladner,R.C., Cohen,E.H., Nasiri,H.G., Rookey,K.L. and Hoet,R.  
Novel methods of constructing libraries of genetic packages that  
collectively display the members of a diverse family of peptides,  
polypeptides or proteins  
Patent: WO 0179481-A 111 25-OCT-2001;  
Dyax Corp. (US)  
JOURNAL Location/Qualifiers  
FEATURES  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic oligonucleotide"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1036 TTCGAGAGAGCATCTTAAGG 1056  
DB 1 TTCGAGATGACAGCTTAAGG 21

RESULT 917  
AX323391 21 bp DNA linear PAT 07-JAN-2002  
LOCUS  
DEFINITION Sequence 26 from Patent WO0192511.  
ACCESSION AX323391  
VERSION AX323391.1 GI:18094153  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS  
TITLE  
Crouzet,J., Scherman,D., Wile,P., Blanche,F. and Cameron,B.  
Purification of a triple helix formation with an immobilized  
oligonucleotide  
Patent: WO 0192511-A 26 06-DEC-2001;  
Aventis Pharma (FR)  
JOURNAL Location/Qualifiers  
FEATURES  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="synthetic oligonucleotide"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2800 AGAAGAGAAATGAAGAAG 2820

DB 21 AAGAGAGAGAGAGAGAGAG 1

RESULT 918  
AX323401 21 bp DNA linear PAT 07-JAN-2002  
LOCUS  
DEFINITION Sequence 36 from Patent WO0192511.  
ACCESSION AX323401  
VERSION AX323401.1 GI:18094163  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS  
TITLE  
Crouzet,J., Scherman,D., Wile,P., Blanche,F. and Cameron,B.  
Purification of a triple helix formation with an immobilized  
oligonucleotide  
Patent: WO 0192511-A 36 06-DEC-2001;  
Aventis Pharma (FR)  
JOURNAL Location/Qualifiers  
FEATURES  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="synthetic oligonucleotide"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2802 GAAGAGAGAAATGAAGAAGA 2822  
DB 1 GAAGAGAGAGAGAGAGAGAA 21

RESULT 919  
AX384808 21 bp DNA linear PAT 19-MAR-2002  
LOCUS  
DEFINITION Sequence 8 from Patent WO0210452.  
ACCESSION AX384808  
VERSION AX384808.1 GI:19577942  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS  
TITLE  
Methods and compositions for predicting prostate cancer  
Patent: WO 0210452-A 8 07-FEB-2002;  
University of Rochester (US)  
JOURNAL Location/Qualifiers  
FEATURES  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3982 GCCCGCATACCGCGACACA 4002  
DB 1 GCACGCACTACCGCATCATCA 21

RESULT 920  
AX384810 21 bp DNA linear PAT 19-MAR-2002  
LOCUS  
DEFINITION Sequence 10 from Patent WO0210452.  
ACCESSION AX384810  
VERSION AX384810.1 GI:19577944  
KEYWORDS

SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Chang, C.  
TITLE Methods and compositions for predicting prostate cancer  
JOURNAL Patent: WO 0210452-A 10 07-FEB-2002;  
University of Rochester (US)  
location/Qualifiers

FEATURES  
source 1..21.  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3982 GCCGCGACTACCGGACACCA 4002  
Db 21 GCAGCGACTACCGCATCATCA 1

RESULT 921  
AX429258/c 21 bp DNA linear PAT 21-JUN-2002  
LOCUS AX429258  
DEFINITION Sequence 1 from Patent W00234941.  
ACCESSION AX429258  
VERSION AX429258.1 GI:21540565  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Mempel, M.R.  
TITLE Methods for screening active molecules for treating and preventing  
JOURNAL atherosclerotic lesions and its uses  
PASTEUR INSTITUTE (FR)  
Patent: WO 0234941-A 1 02-MAY-2002;  
location/Qualifiers

FEATURES  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="amorce"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4465 TGTGCCAAGTCTGTGCTAAG 4485  
Db 21 TGTGCCAGTCTGTGCTTAA 1

RESULT 922  
AX537975/c 21 bp DNA linear PAT 23-NOV-2002  
LOCUS AX537975  
DEFINITION Sequence 33 from Patent W002070675.  
ACCESSION AX537975  
VERSION AX537975.1 GI:25270136  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Koehler, R.H.  
TITLE Regulation of human histone acetyltransferase  
JOURNAL Patent: WO 02070675-A 33 12-SEP-2002;  
Bayer Aktiengesellschaft (DE)  
location/Qualifiers

FEATURES  
source 1..21  
/organism="synthetic construct"

/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Reverse primer"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1180 TCATCCGACCCCTCCCATCCC 1200  
Db 21 TCATCAGTACCTTCGCAATCCC 1

RESULT 923  
AX575228/c 21 bp DNA linear PAT 07-JAN-2003  
LOCUS AX575228  
DEFINITION Sequence 12 from Patent W002059336.  
ACCESSION AX575228  
VERSION AX575228.1 GI:27551940  
KEYWORDS  
SOURCE Barley stripe mosaic virus  
ORGANISM Barley stripe mosaic virus  
viruses; ssRNA positive-strand viruses, no DNA stage; Hordeivirus.

REFERENCE 1  
AUTHORS Holzberg, S.P. and Pogue, G.P.  
TITLE Cytoplasmic inhibition of gene expression and expression of a  
JOURNAL foreign protein in a monocot plant by a plant viral vector  
Patent: WO 02059336-A 12 01-AUG-2002;  
Large Scale Biology Corporation (US)  
location/Qualifiers

FEATURES  
source 1..21  
/organism="Barley stripe mosaic virus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:12327"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2805 GGAGAAATGAGAGAGAGT 2825  
Db 21 GGAGAAATTCACAGACTACT 1

RESULT 924  
AX601147 21 bp DNA linear PAT 17-FEB-2003  
LOCUS AX601147  
DEFINITION Sequence 242 from Patent W002092851.  
ACCESSION AX601147  
VERSION AX601147.1 GI:28401220  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Blime, M.M. and Swinburne, J.E.  
TITLE Genetic typing  
JOURNAL Patent: WO 02092851-A 242 21-NOV-2002;  
ANIMAL HEALTH TRUST (GB) ; The British Horseracing Board (GB)  
location/Qualifiers

FEATURES  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4440 GGCCACATGATGACACTC 4460  
Db 1 GGCCACAGGATGAACACAC 21



RESULT 925  
AX741051/c 21 bp DNA linear PAT 10-MAY-2003  
LOCUS  
DEFINITION Sequence 25 from Patent WO03027328.  
ACCESSION AX741051  
VERSION AX741051.1 GI:30523912  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1 Kirtzen, N.V., Hyldig-Nielsen, J. and Williams, B.F.  
METHODS, kits and compositions pertaining to the suppression of  
detectable probe binding to randomly distributed repeat sequences  
in genomic nucleic acid  
Patent: WO 03027328-A 25 03-APR-2003;  
Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)  
JOURNAL  
FEATURES  
source  
1. .21  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"  
/note="Description of Combined DNA/RNA Molecule:Synthetic  
Oligomer Sequence-Synthetic Probe Sequence"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4999 TGCTCTCCAGCGCTGCGCA 5019  
DB 21 TGCACTCCAGCTGCGCGACA 1

RESULT 926  
AX786801/c 21 bp DNA linear PAT 17-JUL-2003  
LOCUS  
DEFINITION Sequence 104 from Patent WO03050283.  
ACCESSION AX786801  
VERSION AX786801.1 GI:32954156  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1 Houtzager, E., Vijfn, I.M. and Sijmons, P.C.  
TITLE A structure for presenting desired peptide sequences  
JOURNAL  
Patent: WO 03050283-A 104 19-JUN-2003;  
Catchmabs B.V. (NL)  
FEATURES  
source  
1. .21  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer P19"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 2061 CTGGGGAACAAGGAGCCCTG 2081  
DB 21 CTGGGGCACAAGGGGAGCCCTG 1

RESULT 927  
AX798863 21 bp DNA linear PAT 08-OCT-2003  
LOCUS  
DEFINITION Sequence 9 from Patent WO03054229.  
ACCESSION AX798863  
VERSION AX798863.1 GI:37604937

KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 392 GCAGCCGAGCGCACCAAGAGC 412  
DB 1 GCAGCCGAGCGCGACCAAGAGC 21

RESULT 928  
AX817655 21 bp DNA linear PAT 10-DEC-2003  
LOCUS  
DEFINITION Sequence 403 from Patent WO02081517.  
ACCESSION AX817655  
VERSION AX817655.1 GI:39722847  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
1. .21  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: PCR Primer  
sequence"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3066 CTGACGACCTCTCAGGCGAAG 3086  
DB 1 CTGCACTCATCAGGTCAAG 21

RESULT 929  
AX817656 21 bp DNA linear PAT 10-DEC-2003  
LOCUS  
DEFINITION Sequence 404 from Patent WO02081517.  
ACCESSION AX817656  
VERSION AX817656.1 GI:39722848  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct

REFERENCE  
AUTHORS  
1 artificial sequences.

TITLE  
JOURNAL  
source  
location/Qualifiers

1. 21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: PCR Primer  
sequence"

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 3066 CTGCAGACCTCTCAGGCGCAG 3086  
1 CTGCAGTCATCAGCAGTCAG 21

RESULT 930  
BD023134/C

LOCUS BD023134 21 bp DNA linear PAT 27-AUG-2002  
DEFINITION Glutathione S-transferase (GST) gene in cancer.  
ACCESSION BD023134  
VERSION BD023134.1 GI:22564357  
KEYWORDS JP 2001504340-A/14  
SOURCE Wolinella succinogenes  
ORGANISM Wolinella succinogenes  
Bacteria; Proteobacteria; Epsilonproteobacteria; Campylobacteraleae;  
Helicobacteraceae; Wolinella.  
1 (bases 1 to 21)  
Allosman, F., Bereslein, G.L., Buolamwini, J.K., Antoun, G., Lo, H.W.,  
Keller, C. and Akande, O.  
Glutathione S-transferase (GST) gene in cancer  
Patent: JP 2001504340-A 14 03-APR-2001;  
BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM, THE UNIVERSITY OF  
MISSISSIPPI  
PN JP 2001504340-A/14  
PD 03-APR-2001  
PP 12-NOV-1997 JP 1998522894  
PR 12-NOV-1996 US 08/74736  
PI FRANCIS ALLOSMAN, GABRIEL LOPEZ BERESTEIN, JOHN K BUOLAMWINI, PI  
GAMIL ANTONU,  
PI HUI WEN LO, CHARLES KELLER, OLANIKE AKANDE  
PC C12N15/09, A61K31/7105, A61K31/771, A61K38/00, A61K39/395 PC  
A61K39/395, A61K45/00  
PC A61K48/00, A61P35/00, A61P43/00, C07K16/40, C12N5/10, C12N9/00, PC  
C12N6/10,  
PC C12Q1/02, C12N15/00, C12N5/00, A61K37/02  
CC Strandedness: Single;  
CC Topology: Linear;  
FH Key location/Qualifiers.  
1. 21  
/organism="Wolinella succinogenes"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:844"

FEATURES  
source  
location/Qualifiers

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 2346 GACCTCCTGTCACGACGACG 2366

Db	21	GAGCTGCTGTGCCAGACATCG	1
RESULT 931			
BD074163/c			
LOCUS	BD074163	21 bp	DNA
DEFINITION	KCNQ potassium channel and method for regulating its activity.	linear	PAT 27-AUG-2002
ACCESSION	BD074163		
VERSION	BD074163.1	GI:22619766	
KEYWORDS	JP 2001512673-A/9.		
SOURCE	synthetic construct		
ORGANISM	artificial sequences.		
REFERENCE	1 (bases 1 to 21)		
AUTHORS	Braner, M.A., Dmaley, S., Yang, W.P., Rebeauku, P.C., Glibcov, V.K.,		
TITLE	Moibauer, M.G. and Little, W.A.		
JOURNAL	KCNQ potassium channel and method for regulating its activity		
COMMENT	Patent: JP 2001512673-A 9 28-AUG-2001;		
	BRISTOL MYERS SQUIBB CO		
	OS Artificial Sequence		
	PN JP 2001512673-A/9		
	PD 28-AUG-2001		
	PP 26-JUN-1998 JP 2000506317		
	PR 12-AUG-1997 US 60/055599		
	PI MICHAEL A BRANER, STEVEN DMALLEY, WEN PING YANG, PAUL C REBEAUKU,		
	PI VALENTIN K GLIBCOV, MICHAEL G NOIBAUER, WAYNE A LITTLE PC		
	C12N15/09, C07K14/705, C07K16/28, C12N1/15, C12N1/19, C12N5/10, PC		
	C12P21/08.		
	PC C12N1/00, G01N33/15, G01N33/50, G01N33/53, C12N15/00, C12N5/00 CC		
	Description of Artificial Sequence: Reverse primer from EST CC		
FEATURES			
source	sequence		
CC	similar to the KVLQT gene		
PH	key	Location/Qualifiers	
FT	source	1..21	
FT	Location/Qualifiers	/organism='Artificial Sequence'.	
	1..21		
	/organism="synthetic construct"		
	/mol_type="genomic DNA"		
	/db_xref="taxon:326310"		
Query Match	0.3%;	Score 14.6;	DB 1;
Best Local Similarity	81.0%;	Pred. No. 9.7e+02;	Length 21;
Matches	17;	Conservative 0;	Mismatches 4;
		Indels 0;	Gaps 0;
Qy	2614	GCCCTGCTTGGCCACATTTG	2634
Db	21	GCACGCTTTGCCACATCTG	1
RESULT 932			
BD077065			
LOCUS	BD077065	21 bp	DNA
DEFINITION	Novel HIV-specific synthetic oligonucleotide and method of using	linear	PAT 27-AUG-2002
ACCESSION	BD077065		
VERSION	BD077065.1	GI:22622668	
KEYWORDS	JP 2001514884-A/3.		
SOURCE	Human immunodeficiency virus		
ORGANISM	Human immunodeficiency virus		
	Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate		
	lentivirus group.		
	1 (bases 1 to 21)		
REFERENCE	Agrawal, S.		
AUTHORS	Novel HIV-specific synthetic oligonucleotide and method of using		
TITLE	the same		
JOURNAL	Patent: JP 2001514884-A 3 18-SEP-2001;		
COMMENT	HYBRIDON INC		
	OS Human immunodeficiency virus		
	PN JP 2001514884-A/3		
	PD 18-SEP-2001		
	PF 05-AUG-1998 JP 2000509820		

PR 19-AUG-1997 US 08/914827  
PI SUDHIR AGRAWAL  
PC C12N15/09,A61K31/7125,A61P31/18,C12N15/00  
CC Novel HIV-specific synthetic oligonucleotide and method of CC

FT Location/Qualifiers  
FT source 1. .21  
/organism='Human immunodeficiency virus'  
/db\_xref='taxon:12721'

FEATURES  
source

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 263 CCCCCCTCTCTCTCTTCT 283  
1 CGACCCATCTCTCTCTTCT 21

RESULT 933  
BD077066 21 bp DNA linear PAT 27-AUG-2002  
LOCUS  
DEFINITION Novel HIV-specific synthetic oligonucleotide and method of using  
the same.  
ACCESSION BD077066  
VERSION BD077066.1 GI:22622669  
KEYWORDS JP 2001514884-A/4.  
SOURCE Human immunodeficiency virus  
ORGANISM Human immunodeficiency virus  
Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate  
1 (bases 1 to 21)  
Agrawal,S.  
REFERENCE  
AUTHORS Novel HIV-specific synthetic oligonucleotide and method of using  
TITLE  
JOURNAL Patent: JP 2001514884-A 4 18-SEP-2001;  
HYBRIDON INC  
OS Human immunodeficiency virus  
PN JP 2001514884-A/4  
PD 18-SEP-2001  
PF 05-AUG-1998 JP 2000509820  
PR 19-AUG-1997 US 08/914827  
PI SUDHIR AGRAWAL  
PC C12N15/09,A61K31/7125,A61P31/18,C12N15/00  
CC Novel HIV-specific synthetic oligonucleotide and method of CC  
using the same  
FH Location/Qualifiers  
FT source 1. .21  
/organism='Human immunodeficiency virus'.  
/db\_xref='taxon:12721'

FEATURES  
source

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 263 CCCCCCTCTCTCTCTTCT 283  
1 CGACCCATCTCTCTCTTCT 21

RESULT 934  
BD081033 21 bp DNA linear PAT 27-AUG-2002  
LOCUS  
DEFINITION Coding sequence haplotypes of the human BRCA2 gene.  
ACCESSION BD081033

VERSION BD081033.1 GI:22626636  
KEYWORDS JP 2001514887-A/41.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Murphy,P.D., White,M.B., Rabin,M.B., Olson,S.J., Yoshikawa,M.,  
Jackson,G.M., Bekardari,T., Schryer,B. and Park,M.  
TITLE Coding sequence haplotypes of the human BRCA2 gene  
JOURNAL Patent: JP 2001514887-A 41 18-SEP-2001;  
ONCORMED INC  
OS Unidentified  
PN JP 2001514887-A/41  
PD 18-SEP-2001  
PF 14-AUG-1998 JP 2000509828  
PR 15-AUG-1997 US 60/065784,07-NOV-1997 US 60/064926 PR  
12-NOV-1997 US 60/065367,01-MAY-1998 US 09/071715 PR  
22-MAY-1998 US 09/084471  
PI PATRICIA D MURPHY,MARGA B WHITE,MARK B RABIN,SHERI J OLSON, PI  
MATTHEW YOSHIKAWA,GEOFFREY M JACKSON,TARA ESKANDARI,BRENDA PI  
SCHRYER,  
PI MICHAEL PARK  
PC C12N15/09,A61K38/00,A61K39/395,A61K48/00,A61P35/00,C07K14/47,  
C07K16/18,  
PC C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12Q1/68//C12P21/02,C12P21/ PC  
08, C12N15/00,A61K37/02,C12N5/00  
CC 11FR primer  
FH key Location/Qualifiers  
FT source 1. .21  
/organism='Unidentified'.  
/db\_xref='taxon:32644'

FEATURES  
source

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 4798 TTGAGAGAGCAGGATCAG 4818  
21 TTAGAGATCAGGAGTCTAG 1

RESULT 935  
BD135013 21 bp DNA linear PAT 18-SEP-2002  
LOCUS  
DEFINITION Vector having nucleic acid transferred thereinto, compositions  
containing the vector and utilization thereof.  
ACCESSION BD135013  
VERSION BD135013.1 GI:23229958  
KEYWORDS JP 2002507429-A/2.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Storrin,C., Sherman,D. and Wille,P.  
TITLE Vector having nucleic acid transferred thereinto, compositions  
containing the vector and utilization thereof  
JOURNAL Patent: JP 2002507429-A 2 12-MAR-2002;  
AVENTIS PHARMA SA  
OS Unidentified  
PN JP 2002507429-A/2  
PD 12-MAR-2002  
PF 19-MAR-1999 JP 2000538027  
PR 24-MAR-1998 FR 98/03573,18-MAY-1998 US 60/085 848 PI  
CAROL STORIN,DANIEL SHERMAN,PIERRE WILLS  
PC C12N15/09,A61K39/39,A61K48/00,C12N1/15,C12N1/19,C12N5/10, PC  
C12N5/00

CC Strandedness: Single;  
CC Topology: Linear;  
CC Vector having nucleic acid transferred thereinto, compositions

CC containing  
CC the vector and utilization thereof  
FH Key Location/Qualifiers  
FT source 1..21  
FT /organism='Unidentified',  
location/Qualifiers  
1..21  
/organism='unidentified'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:32644'

FEATURES  
source

Query Match 0.3%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 9.7e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2800 AGAAGAGGAAATGAGAGAG 2820  
|||||  
21 AAGAGAGAGAGAGAGAGAG 1

RESULT 936  
LOCUS DOGP38102 22 bp DNA linear MAM 12-MAR-1996  
DEFINITION Dog (Clone: CX.381) primer for STS 381, 3' end.  
ACCESSION L24273  
VERSION L24273.1 GI:401952  
KEYWORDS PCR identification; PCR primer; STS.  
SEGMENT 2 of 2  
SOURCE Canis familiaris (dog)  
ORGANISM Canis familiaris  
Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.  
1 (bases 1 to 22)  
Ostrander,E.A., Mapa,F.A., Yee,M. and Rine,J.  
One hundred and one new simple sequence repeat-based markers for  
the canine genome  
Mamm. Genome 6 (3), 192-195 (1995)  
95268214  
7749226  
Original source text: Canis familiaris (library: E. Ostrander, in  
pbluescript+) adult spleen DNA.  
Submitted by:  
Fred Hutchinson Cancer Research Center  
Transplantation Biology Dept  
1124 Columbia; Mailstop M318  
Seattle, WA 98104, USA  
e-mail: EOstrander@dbi.gov  
PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)  
PCR Profile: Denaturation: 94 degrees C for 1.00 minute  
Annealing: 55 or 59 degrees C for 0.45 minutes  
Polymerization: 74 degrees C for 1.00 minutes  
PCR Cycles: 33  
Final Extension: 74 degrees C for 5.00 minutes.  
Location/Qualifiers  
1..22  
/organism='Canis familiaris'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:9615'  
/tissue\_type='spleen'  
/dev\_stage='adult'  
/tissue\_lib='E. Ostrander, in pbluescript+'  
complement(1..22)  
primer\_bind

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCT 291  
|||||

Db 1 TCTCTCTGCGCTGTCTCT 21

RESULT 937  
LOCUS DOGP40002 22 bp DNA linear MAM 16-JAN-1996  
DEFINITION Dog (Clone: CX.400) primer for STS 400, 3' end.  
ACCESSION L24287  
VERSION L24287.1 GI:401973  
KEYWORDS PCR identification; PCR primer; STS.  
SEGMENT 2 of 2  
SOURCE Canis familiaris (dog)  
ORGANISM Canis familiaris  
Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.  
1 (bases 1 to 22)  
Ostrander,E.A., Mapa,F.A., Yee,M. and Rine,J.  
One hundred and one new simple sequence repeat-based markers for  
the canine genome  
Mamm. Genome 6 (3), 192-195 (1995)  
95268214  
7749226  
Original source text: Canis familiaris (library: E. Ostrander, in  
pbluescript+) adult spleen DNA.  
Submitted by:  
Fred Hutchinson Cancer Research Center  
Transplantation Biology Dept  
1124 Columbia; Mailstop M318  
Seattle, WA 98104, USA  
e-mail: EOstrander@dbi.gov  
PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)  
PCR Profile: Denaturation: 94 degrees C for 1.00 minute  
Annealing: 55 or 59 degrees C for 0.45 minutes  
Polymerization: 74 degrees C for 1.00 minutes  
PCR Cycles: 33  
Final Extension: 74 degrees C for 5.00 minutes.  
Location/Qualifiers  
1..22  
/organism='Canis familiaris'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:9615'  
/tissue\_type='spleen'  
/dev\_stage='adult'  
/tissue\_lib='E. Ostrander, in pbluescript+'  
complement(1..22)  
primer\_bind

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCT 291  
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Db 1 TCTCTCTGCGCTGTCTCT 21

RESULT 938  
LOCUS A42091 22 bp DNA linear PAT 05-MAR-1997  
DEFINITION Sequence 3 from Patent WO9501447.  
ACCESSION A42091  
VERSION A42091.1 GI:2297583  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
unclassified.  
1 (bases 1 to 22)  
Cohen-Haguenauer,O.  
RETROVIRAL VECTOR FOR THE TRANSFER AND EXPRESSION OF GENES FOR  
THERAPEUTICAL PURPOSES IN EUKARYOTIC CELLS  
Patent: WO 9501447-A 3 12-JAN-1995;  
COHEN HAGUENAUER ODILE (FR)  
Other publication AU 7189394 950124  
Other publication FR 2707091 950106

Other publication JP 8502901T 960402.

FEATURES  
source location/Qualifiers  
1. .22  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4265 TGCTGAGGCTCGAAGAAAAC 4285  
Db 2 TGCTGACGGGAGAGAAAAC 22

RESULT 939  
A46459 22 bp DNA linear PAT 07-MAR-1997  
LOCUS Sequence 3 from Patent WO9525798.  
ACCESSION A46459  
VERSION A46459.1 GI:2300637  
KEYWORDS  
SOURCE Photinus pyralis (common eastern firefly)  
ORGANISM  
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;  
Neoptera; Endopterygota; Coleoptera; Polyphaga; Elateriformia;  
Cantharoidea; Lampyridae; Photinus.  
1 (bases 1 to 22)  
Lowe, C.R., White, P.J., Murray, J.A. and Squirrell, D.J.  
AUTHORS  
TITLE LUCIFERASES  
JOURNAL Patent: WO 9525798-A 3 28-SEP-1995;  
SECR DEFENCE BRIT (GB)  
COMMENT Other publication AU 1954595 951009.  
FEATURES location/Qualifiers  
source 1. .22  
/organism="Photinus pyralis"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:7054"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 12 CATCCACGTGGGTGCAGCA 32  
Db 1 CATCCCTCTGGGTGATATCA 21

RESULT 940  
A51192 22 bp DNA linear PAT 10-MAR-1997  
LOCUS Sequence 61 from Patent WO9616175.  
ACCESSION A51192  
VERSION A51192.1 GI:2303963  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Beckmann, J. and Richard, I.  
TITLE LKMD gene  
JOURNAL Patent: WO 9616175-A 61 30-MAY-1996;  
ASS FRANCAISE CONTRE LES MYOPA (FR)  
FEATURES location/Qualifiers  
source 1. .22  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2703 GAGTTCTCAGTGTATGCC 2723  
Db 2 GAGATTATCAGTGTAGATGCC 22

RESULT 941  
A51385 22 bp DNA linear PAT 10-MAR-1997  
LOCUS Sequence 1 from Patent WO9617071.  
ACCESSION A51385  
VERSION A51385.1 GI:2304204  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Cohen-Haguenauer, O.  
TITLE ENCAPSIDATION CELL LINES FOR THE TRANSCOMPLEMENTATION OF DEFECTIVE  
JOURNAL RETROVIRAL VECTORS  
COMMENT Patent: WO 9617071-A 1 06-JUN-1996;  
COHEN HAGUENAUER ODILE (FR)  
Other publication AU 4306996 960619  
FEATURES location/Qualifiers  
source 1. .22  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4265 TGCTGAGGCTCGAAGAAAAC 4285  
Db 2 TGCTGACGGGAGAGAAAAC 22

RESULT 942  
A52393 22 bp DNA linear PAT 12-DEC-1997  
LOCUS Sequence 5 from Patent WO9622376.  
ACCESSION A52393  
VERSION A52393.1 GI:2851972  
KEYWORDS  
SOURCE Photinus pyralis (common eastern firefly)  
ORGANISM Photinus pyralis  
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;  
Neoptera; Endopterygota; Coleoptera; Polyphaga; Elateriformia;  
Cantharoidea; Lampyridae; Photinus.  
1 (bases 1 to 22)  
Squirrell, D.J., Lowe, C.R., White, P. and Murray, J.A.  
AUTHORS  
TITLE MUTANT LUCIFERASES  
JOURNAL Patent: WO 9622376-A 5 25-JUL-1996;  
SECR DEFENCE (GB)  
COMMENT Other publication AU 4397396 960807.  
FEATURES location/Qualifiers  
source 1. .22  
/organism="Photinus pyralis"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:7054"

misc\_difference 10  
/replace=""

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 12 CATCCACGTGGGTGCAGCA 32  
Db 1 CATCCCTCTGGGTGATATCA 21

RESULT 943  
LOCUS A62843 22 bp DNA linear PAT 12-MAR-1998  
DEFINITION Sequence 84 from Patent WO9719110.  
ACCESSION A62843  
VERSION A62843.1 GI:3716731  
KEYWORDS  
SOURCE unidentified  
ORGANISM unclassified.

REFERENCE  
1 Futreal, P.A., Wooster, R.F., Ashworth, A. and Stratton, M.R.  
MATERIALS AND METHODS RELATING TO THE IDENTIFICATION AND SEQUENCING  
OF THE BRCA2 CANCER SUSCEPTIBILITY GENE AND USES THEREOF  
Patent: WO 9719110-A 84 29-MAY-1997;  
JOURNAL CANCER RES CAMPAIGN TECH (GB)  
COMMENT Other publication AU 7635096 19970611  
Other publication GB 2307477 19970528.  
FEATURES  
source 1..22  
/organism="unclassified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1212 CAGAGGTTATTGACGACGAG 1232  
DB 22 CAGATGTTATTTCACGACGAG 2

RESULT 944  
LOCUS A77017 22 bp DNA linear PAT 19-OCT-1999  
DEFINITION Sequence 61 from Patent EP0717110.  
ACCESSION A77017  
VERSION A77017.1 GI:6088808  
KEYWORDS  
SOURCE unidentified  
ORGANISM unclassified.

REFERENCE  
1 Beckmann, J. and Richard, I.  
JOURNAL LCMG GENE  
Patent: EP 0717110-A 61 19-JUN-1996;  
JOURNAL ASS FRANCAISE CONTRE LES MYOPA (FR)  
FEATURES  
source 1..22  
/organism="unclassified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2703 GAGTTTCAGGTCGCTATGCC 2723  
DB 2 GAGATTATCAGGTGAGATGCC 22

RESULT 945  
LOCUS AR022302 22 bp DNA linear PAT 05-DEC-1998  
DEFINITION Sequence 36 from Patent US 5792634.  
ACCESSION AR022302  
VERSION AR022302.1 GI:3976364  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

Unclassified.  
REFERENCE  
1 (bases 1 to 22)  
AUTHORS Conway, R. Charles., Conway, J. Weliky. and Bradsher, J.N.  
TITLE RNA polymerase transcription factor  
JOURNAL Patent: US 5792634-A 36 11-AUG-1998;  
FEATURES  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3368 GGGCCCTGCGAGGGAGAAAG 3388  
DB 22 GGGACATGCGAGGAGAAAG 2

RESULT 946  
LOCUS AR106739 22 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 33 from patent US 6107089.  
ACCESSION AR106739  
VERSION AR106739.1 GI:12821269  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE  
1 (bases 1 to 22)  
AUTHORS Towle, C.A. and Treadwell, B.V.  
TITLE Nucleic acids encoding annexin XI  
JOURNAL Patent: US 6107089-A 33 22-AUG-2000;  
FEATURES  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2545 CTATCCCTGCTGACGCTGG 2565  
DB 21 CTCTTACCTGCTGACGCTGG 1

RESULT 947  
LOCUS AR116072 22 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 3 from patent US 6132983.  
ACCESSION AR116072  
VERSION AR116072.1 GI:14096394  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE  
1 (bases 1 to 22)  
AUTHORS Lowe, C. Robin., White, P. John., Murray, J. Auguste, Henry. and  
Squittrell, D. James.  
TITLE Luciferases  
JOURNAL Patent: US 6132983-A 3 17-OCT-2000;  
FEATURES  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 12 CATCCACGTGGGTGTCAGCA 32

Db 1 CATCCCCCTGGGTATATCA 21

RESULT 948  
LOCUS ARI23821

DEFINITION Sequence 5 from patent US 6171808.  
ACCESSION ARI23821  
VERSION ARI23821.1 GI:14109182

KEYWORDS  
SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 22)

AUTHORS Squitrell,D.J., Lowe,C.R., White,P.J. and Murray,J.A.H.

TITLE Mutant luciferases

JOURNAL Patent: US 6171808-A 5 09-JAN-2001;

FEATURES  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1e+03; Mismatches 4; Indels 0; Gaps 0;

Matches 17; Conservative 0;

Qy 12 CATCCACGTGGGTGTACGA 32

Db 1 CATCCCCCTGGGTATATCA 21

RESULT 949

LOCUS ARI42645 22 bp DNA linear PAT 08-AUG-2001

DEFINITION Sequence 3 from patent US 6203982.

ACCESSION ARI42645

VERSION ARI42645.1 GI:15103931

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 22)

AUTHORS Nunokawa,Y., Oikawa,S. and Tanaka,S.

TITLE Method for screening compounds regulating the expression of

JOURNAL Patent: US 6203982-A 3 20-MAR-2001;

FEATURES  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1e+03; Mismatches 4; Indels 0; Gaps 0;

Matches 17; Conservative 0;

Qy 3015 CCTCTACCCGCCATGGGAG 3035

Db 1 CTCTCAGCCACCTGTGTAG 21

RESULT 950

LOCUS ARI77656 22 bp DNA linear PAT 17-DEC-2001

DEFINITION Sequence 3 from patent US 6312948.

ACCESSION ARI77656

VERSION ARI77656.1 GI:17920011

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 22)

AUTHORS Cohen-Haguenauer,O.

TITLE Retroviral vector for the transfer and expression of genes for

JOURNAL therapeutic purposes in eukaryotic cells  
Patent: US 6312948-A 3 06-NOV-2001;

FEATURES  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1e+03; Mismatches 4; Indels 0; Gaps 0;

Matches 17; Conservative 0;

Qy 4265 TGCTGAGCTGGAAGAAAAC 4285

Db 2 TGCTGAGCGGAGGAGAAAAC 22

RESULT 951

LOCUS BD230346 22 bp DNA linear PAT 17-JUL-2003

DEFINITION Total genome radiation hybrid map of canine genome and its use for

ACCESSION BD230346

VERSION BD230346.1 GI:33040116

KEYWORDS JP 2002530091-A/215.

SOURCE Canis familiaris (dog)

ORGANISM Canis familiaris

REFERENCE 1 (bases 1 to 22)

AUTHORS Galibert,F. and Andre,C.

TITLE Total genome radiation hybrid map of canine genome and its use for

JOURNAL Identification of interesting genes

Patent: JP 2002530091-A 215 17-SEP-2002;

COMMENT CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

OS Canis familiaris (dog)

PN JP 2002530091-A/215

PD 17-SEP-2002

PF 15-NOV-1998 JP 2000582596

PI 13-NOV-1998 US 60/108193

PC FRANCIS GALIBERT, CATHERINE ANDRE

CC C12N15/09, C12Q1/68, C12N15/00

CC A0154

PH Key

FT source 1..22 Location/Qualifiers

FT 1..22 /organism="Canis familiaris"

FT /mol\_type="genomic DNA"

FT /db\_xref="taxon:9615"

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1e+03; Mismatches 4; Indels 0; Gaps 0;

Matches 17; Conservative 0;

Qy 3584 GAGTTCCTTCCCTAAGCTGC 3604

Db 2 GAGATGCTTCTGTGAGCTGC 22

RESULT 952

LOCUS CO841353 22 bp DNA linear PAT 02-AUG-2004

DEFINITION Sequence 6 from Patent WO2004060390.

ACCESSION CO841353

VERSION CO841353.1 GI:50893140

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 22)

AUTHORS Laticl,A., Grisoni,S., Chene,L. and Bienayme,H.

TITLE Use of a specific inhibitor of the Shc2b receptor for the treatment

of cancer  
 JOURNAL Patent: WO 2004060390-A 6 22-JUL-2004;  
 Urogene Societe anonyme (FR)  
 Location/Qualifiers  
 FEATURES  
 1. .22  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="amorce"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 1e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3131 ATCCAGTGGCCCAAGACCT 3151  
 2 AGCCAGTGGCCCAAGACCAT 22

RESULT 953  
 CQ846361 22 bp DNA linear PAT 02-AUG-2004  
 LOCUS Sequence 6 from Patent WO2004061408.  
 DEFINITION CQ846361  
 ACCESSION CQ846361  
 VERSION CQ846361.1 GI:50895646  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 artificial sequences.

REFERENCE 1  
 Latil, A., Chene, L., Grisoni, S. and Bienayme, H.  
 Use of a non-specific inhibitor of the Shc2b receptor for the  
 treatment of prostate cancer  
 Patent: WO 2004061408-A 6 22-JUL-2004;  
 Urogene Societe anonyme (FR)  
 Location/Qualifiers  
 1. .22  
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 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="amorce"

FEATURES  
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Query Match 0.3%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 1e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3131 ATCCAGTGGCCCAAGACCT 3151  
 2 AGCCAGTGGCCCAAGACCAT 22

RESULT 954  
 E28938 22 bp DNA linear PAT 18-JUN-2001  
 LOCUS Method for screening NF-kappa-B activation inhibitor.  
 DEFINITION E28938  
 ACCESSION E28938.1 GI:13020930  
 VERSION E28938.1  
 KEYWORDS JP 1999266872-A/3.  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.  
 1 (bases 1 to 22)  
 Yoichi, F.  
 Method for screening NF-kappa-B activation inhibitor  
 Patent: JP 1999266872-A 3 05-OCT-1999;  
 SUNTORY LTD  
 OS Unidentified  
 PN JP 1999266872-A/3  
 PD 05-OCT-1999  
 PF 20-MAR-1998 JP 1998090664  
 PR  
 PI YOICHI FUKAWA  
 PC C12N15/09, A61K38/00, A61K45/00, C12N5/10, C12Q1/68, PC

GOIN33/15//C07D295/10,  
 PC (C12N15/09, C12R1:91) ; (C12N5/10, C12R1:91) , C12N15/00, A61K37/02,  
 PC C12N5/00,  
 PC (C12N15/00, C12R1:91) , (C12N5/00, C12R1:91)  
 CC Strandedness: Single;  
 CC Topology: Linear;  
 FH Key  
 FT source 1. .22  
 Location/Qualifiers  
 /organism="unidentified".  
 1. .22  
 /organism="unidentified"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 1e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3015 CTTCTACCCACCATGGGAG 3035  
 1 CTTCTACCCACCATGGTGG 21

RESULT 955  
 I49132 22 bp DNA linear PAT 07-OCT-1997  
 LOCUS I49132  
 DEFINITION Sequence 6 from patent US 5627277.  
 ACCESSION I49132  
 VERSION I49132.1 GI:2467595  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 Unclassified.  
 1 (bases 1 to 22)  
 Cohen, A.S., Bourque, A. and Vilenchik, M.  
 Method for analyzing oligonucleotide analogs  
 Patent: US 5627277-A 6 06-MAY-1997;  
 Location/Qualifiers  
 1. .22  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

FEATURES  
 source

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 1e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 263 CCCCCCTCTCTCTCTCT 283  
 2 CGCACCACATCTCTCTCTCT 22

RESULT 956  
 AR242486/c 22 bp DNA linear PAT 20-DEC-2002  
 LOCUS AR242486  
 DEFINITION Sequence 50 from patent US 6472512.  
 ACCESSION AR242486  
 VERSION AR242486.1 GI:27288914  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 Unclassified.  
 1 (bases 1 to 22)  
 Lafleur, D.W., Moore, P.A. and Ruben, S.M.  
 Keratinocyte derived interferon  
 Patent: US 6472512-A 50 29-OCT-2002;  
 Location/Qualifiers  
 1. .22  
 /organism="unknown"  
 /mol\_type="genomic DNA"

FEATURES  
 source

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 1e+03;



Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1332/ATTGAAGCAAGCTCAAGGCC 1352  
Db 22 AGTAAAGCAAGGCTCAAGGCC 2

RESULT 957  
AR404600  
LOCUS AR404600 22 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 4 from patent US 6627748.  
ACCESSION AR404600  
VERSION AR404600.1 GI:40153236  
KEYWORDS  
SOURCE  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Ju,J., Li,Z., Tong,A. and Russo,J.J.  
TITLE Combinatorial fluorescence energy transfer tags and their applications for multiplex genetic analyses  
JOURNAL Patent: US 6627748-A 4 30-SEP-2003;  
FEATURES Location/Qualifiers  
1..22  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred.No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2366 CATGCCCTTGCGTAGAGCC 2366  
Db 2 CATAGCCGATCGATAGAGCC 22

RESULT 958  
AR452081/c  
LOCUS AR452081 22 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 14 from patent US 6677137.  
ACCESSION AR452081  
VERSION AR452081.1 GI:42683508  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Goldsmith,O., Pecker,I., Vlodavsky,I., Michal,I. and Zcharia,B.  
TITLE Avian and reptile derived polynucleotide encoding a polypeptide having heparanase activity  
JOURNAL Patent: US 6677137-A 14 13-JAN-2004;  
FEATURES Location/Qualifiers  
1..22  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred.No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4448 GGATCGAACACTCATGATG 4468  
Db 22 GGATCATCCTCCTCATGATG 2

RESULT 959  
AX010990  
LOCUS AX010990 22 bp DNA linear PAT 06-SEP-2000  
DEFINITION Sequence 2 from Patent WO9957315.  
ACCESSION AX010990  
VERSION AX010990.1 GI:9997641  
KEYWORDS  
SOURCE  
synthetic construct

ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Henney,A., Ye,S. and Zhang,B.P.  
TITLE Mmp-9 gene polymorphisms  
JOURNAL Patent: WO 9957315-A 2 11-NOV-1999;  
HENNEY ADRIANO (GB); ISIS INNOVATION (GB); YE SHU (GB); ZHANG BAI  
PING (GB)  
FEATURES Location/Qualifiers  
1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Polymorphism Specific Oligonucleotide"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred.No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 790 TGGTGACCATTCGCATACC 810  
Db 1 TGGTGCGCATCTATATACC 21

RESULT 960  
AX010992  
LOCUS AX010992 22 bp DNA linear PAT 06-SEP-2000  
DEFINITION Sequence 4 from Patent WO9957315.  
ACCESSION AX010992  
VERSION AX010992.1 GI:9997643  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Henney,A., Ye,S. and Zhang,B.P.  
TITLE Mmp-9 gene polymorphisms  
JOURNAL Patent: WO 9957315-A 4 11-NOV-1999;  
HENNEY ADRIANO (GB); ISIS INNOVATION (GB); YE SHU (GB); ZHANG BAI  
PING (GB)  
FEATURES Location/Qualifiers  
1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Polymorphism Specific Oligonucleotide"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred.No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 790 TGGTGACCATTCGCATACC 810  
Db 1 TGGTGCGCATCTATATACC 21

RESULT 961  
AX050113  
LOCUS AX050113 22 bp DNA linear PAT 12-JAN-2001  
DEFINITION Sequence 126 from Patent WO0071710.  
ACCESSION AX050113  
VERSION AX050113.1 GI:12226513  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Denefle,P., Rosier-Montue,M.F., Arnould-Reguigne,I., Prades,C. and Clepet,C.  
TITLE Expression products of genes involved in diseases related to cholesterol metabolism  
JOURNAL Patent: WO 0071710-A 126 30-NOV-2000;

FEATURES  
source  
Aventis Pharma S.A. (FR)  
Location/Qualifiers  
1. .22  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2811 AATGAGAGGAGGAGG 2831  
1 AGTGACAGGAGGAGG 21

RESULT 962  
AX117490 22 bp DNA linear PAT 11-MAY-2001  
LOCUS  
DEFINITION Sequence 2613 from Patent WO0129262.  
ACCESSION AX117490  
VERSION AX117490.1 GI:14034441  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Piconc-Neuburg, L. and Pohl, M.  
TITLE Genotyping reagents, kits and methods of use thereof  
JOURNAL Patent: WO 0129262-A 2613 26-APR-2001;  
Orchid Biosciences, Inc. (US)  
Location/Qualifiers  
1. .22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

FEATURES  
source

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4999 TGCTTCAGCTGGCTGCA 5019  
2 TGTTCTAGCTGGTGACA 22

RESULT 963  
AX353525 22 bp DNA linear PAT 06-FEB-2002  
LOCUS  
DEFINITION Sequence 57 from Patent WO0204636.  
ACCESSION AX353525  
VERSION AX353525.1 GI:18618600  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS van Roy, F., Goossens, S., Janssens, B. and Vanpoucke, G.  
TITLE Novel g(a) expressed in heart and testis  
JOURNAL Patent: WO 0204636-A 57 17-JAN-2002;  
Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)  
Location/Qualifiers  
1. .22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="upper primer FVR2958"

FEATURES  
source

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5132 CTTTCCTATGTTGCTTTTC 5152  
1  
2 CATTGCTTATGCTGTTTTC 22

RESULT 964  
AX353595 22 bp DNA linear PAT 06-FEB-2002  
LOCUS  
DEFINITION Sequence 127 from Patent WO0204636.  
ACCESSION AX353595  
VERSION AX353595.1 GI:18618670  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS van Roy, F., Goossens, S., Janssens, B. and Vanpoucke, G.  
TITLE Novel g(a) expressed in heart and testis  
JOURNAL Patent: WO 0204636-A 127 17-JAN-2002;  
Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)  
Location/Qualifiers  
1. .22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer MCB2820"

FEATURES  
source

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2874 CCATATCTCTGACCTGAG 2894  
2 CCCTTCTCTTATCCTGAG 22

RESULT 965  
AX417440 22 bp DNA linear PAT 18-JUN-2002  
LOCUS  
DEFINITION Sequence 22 from Patent EP197495.  
ACCESSION AX417440  
VERSION AX417440.1 GI:21522725  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Higashi, K. and Komatsu, K.  
TITLE Dna-binding protein yb-1-containing collagen accumulation  
inhibitors  
JOURNAL Patent: EP 1197495-A 22 17-APR-2002;  
Sumitomo Chemical Company, Limited (JP)  
Location/Qualifiers  
1. .22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Designed oligonucleotide primer to synthesize collagen alpha 1 probe"

FEATURES  
source

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4105 CCGAGCCGAGGAGGCG 4125  
22 CCGAGCCGAGGAGGCG 2

RESULT 966  
AX427064 22 bp DNA linear PAT 18-JUN-2002  
LOCUS  
DEFINITION Sequence 28 from Patent WO0196604.

ACCESSION AX427064  
VERSION AX427064.1 GI:21530447  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bee, G., Kohne, D.E., Korb, L., Peterson, T. and Yguerabide, J.  
TITLE Assay for genetic polymorphisms using scattered light detectable labels  
JOURNAL Patent: WO 0196604-A 28 20-DEC-2001;  
Genicon Sciences Corporation (US)  
FEATURES  
source 1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Exemplary probe for CYP2D6 allele detection"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 271 TCTCTCTCTCTCTCTCTCT 291  
Db 22 TCTCTACCTTCTCATCTCT 2

RESULT 967  
AX687007  
LOCUS AX687007 22 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 3 from Patent EP1281762.  
ACCESSION AX687007  
VERSION AX687007.1 GI:29409527  
KEYWORDS  
SOURCE Photinus pyralis (common eastern firefly)  
ORGANISM Photinus pyralis  
REFERENCE 1  
AUTHORS Love, C.R., White, P.J., Murray, J.A. and Squirrell, D.J.  
TITLE Luciferases  
JOURNAL Patent: EP 1281762-A 3 05-FEB-2003;  
The Secretary of State for Defence (GB)  
FEATURES  
source 1..22  
/organism="Photinus pyralis"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:7054"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 12 CATCCACGCGGTGTACGA 32  
Db 1 CATCCCTTGGGTATATCA 21

RESULT 968  
AX926724/c  
LOCUS AX926724 22 bp DNA linear PAT 19-DEC-2003  
DEFINITION Sequence 7 from Patent WO03085133.  
ACCESSION AX926724  
VERSION AX926724.1 GI:40247014  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Nagajulu, J.G.  
TITLE Novel fiber-pcr primers and method of identifying genotyping

diverse genomes of plant and animal systems including rice varieties, a kit thereof  
JOURNAL Patent: WO 03085133-A 7 16-OCT-2003;  
Centre for DNA Fingerprinting and Diagnostics, Centre for; the Department of Biotechnology, Ministry of Science & Technology (IN)  
FEATURES  
source 1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="A novel FISSR-PCR primer for genotyping eukaryotes"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 283 TCTCTCTCTCTCTGCTGGT 303  
Db 22 TCTCTCTCTCTCGTATCGT 2

RESULT 969  
AX956482/c  
LOCUS AX956482 22 bp DNA linear PAT 08-JAN-2004  
DEFINITION Sequence 32 from Patent WO03097869.  
ACCESSION AX956482  
VERSION AX956482.1 GI:40784991  
KEYWORDS  
SOURCE Rosa sp.  
ORGANISM Rosa sp.  
REFERENCE 1  
AUTHORS Suesse, K.H.  
TITLE Microsatellite markers for genetic analyses and the differentiation of roses  
JOURNAL Patent: WO 03097869-A 32 27-NOV-2003;  
Con/Cipio GmbH (DE)  
FEATURES  
source 1..22  
/organism="Rosa sp."  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:36598"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2320 AAAAATCAGCAGCAGCAGT 2340  
Db 22 AAAAATGAAAGCAGCAGCGT 2

RESULT 970  
AX962570/c  
LOCUS AX962570 22 bp DNA linear PAT 14-JAN-2004  
DEFINITION Sequence 3 from Patent WO03104488.  
ACCESSION AX962570  
VERSION AX962570.1 GI:40881843  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Lee, J.M.  
TITLE BclIa2 for use in the prognosis, diagnosis and treatment of cancer  
JOURNAL Patent: WO 03104488-A 3 18-DEC-2003;  
Cancer Care Ontario (CA)  
FEATURES  
source 1..22  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"  
/note="Synthetic"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03; 4; Indels 0; Gaps 0;  
Matches 1; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1897 AGATCTCTCAAACTCCCTGC 1917  
DB 21 AGCCCTCAGCACTCCAGC 1

RESULT 971  
LOCUS BD015532 22 bp DNA linear PAT 27-AUG-2002  
DEFINITION Novel mammalian peptide and polynucleotide encoding the same.  
ACCESSION BD015532  
VERSION BD015532.1 GI:22556669  
KEYWORDS JP 2001190283-A/6.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Nakamura,T. and Akiyama,H.  
TITLE Novel mammalian peptide and polynucleotide encoding the same  
JOURNAL Patent: JP 2001190283-A 6 17-JUL-2001;  
MITSUBISHI TOKYO PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2001190283-A/6  
PD 17-JUL-2001  
PI 02-NOV-2000 JP 2000336437  
PI TAKASHI NAKAMURA, HARUHIKO AKIYAMA  
PC C12N15/09.C07K14/47.C12N15/00  
CC Description of Artificial Sequence: primer  
FH key Location/Qualifiers  
FT source 1..22 /organism='Artificial Sequence'.  
FEATURES  
source 1..22 location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03; 4; Indels 0; Gaps 0;  
Matches 1; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4469 CCAAGTCTGTCTAAGTCT 4489  
DB 22 CCAAGTACAGTCCAGTCT 2

RESULT 972  
LOCUS BD077067 22 bp DNA linear PAT 27-AUG-2002  
DEFINITION Novel HIV-specific synthetic oligonucleotide and method of using the same.  
ACCESSION BD077067  
VERSION BD077067.1 GI:22622670  
KEYWORDS JP 2001514884-A/5.  
SOURCE Human immunodeficiency virus  
ORGANISM Human immunodeficiency virus  
viruses; Retroviridae; Lentivirus; Primate  
lentivirus group.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Agrawal,S.  
TITLE Novel HIV-specific synthetic oligonucleotide and method of using the same  
JOURNAL Patent: JP 2001514884-A 5 18-SEP-2001;  
HYBRIDON INC  
OS Human immunodeficiency virus  
PN JP 2001514884-A/5  
PD 18-SEP-2001

PF 05-AUG-1998 JP 2000509820  
PR 19-AUG-1997 US 08/914827  
PI SUDHIR AGRAWAL  
PC C12N15/09.A61K31/7125.A61P31/18.C12N15/00  
CC Novel HIV-specific synthetic oligonucleotide and method of using the same  
FH key Location/Qualifiers  
FT source 1..22 /organism='Human immunodeficiency virus'.  
FEATURES  
source 1..22 location/Qualifiers  
/organism="Human immunodeficiency virus"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:12721"

Query Match 0.3%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1e+03; 4; Indels 0; Gaps 0;  
Matches 1; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 263 CCCCCCTCTCTCTCTCT 283  
DB 2 CGCACCATCTCTCTCTCT 22

RESULT 973  
LOCUS AR080878 16 bp DNA linear PAT 31-AUG-2000  
DEFINITION Sequence 6 from patent US 5969116.  
ACCESSION AR080878  
VERSION AR080878.1 GI:10007607  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 16)  
AUTHORS Martin,P.  
TITLE Nucleosides and oligonucleotides having 2'-ether groups  
JOURNAL Patent: US 5969116-A 6 19-OCT-1999;  
FEATURES  
source 1..16 location/Qualifiers  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 7.2e+02; 1; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCTCTC 292  
DB 1 TTTTCTCTCTCTCTC 16

RESULT 974  
LOCUS AX958284 16 bp RNA linear PAT 08-JAN-2004  
DEFINITION Sequence 14 from Patent WO03087815.  
ACCESSION AX958284  
VERSION AX958284.1 GI:40785884  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Auer,M., Weisner,N.C. and Uhl,V.  
TITLE Compound screening  
JOURNAL Patent: WO 03087815-A 14 23-OCT-2003;  
Novartis AG (CH)  
FEATURES  
source 1..16 location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32630"  
/note="completely artificial"

Query Match 0.3%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 7.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4415 TAATATATATATAT 4430  
|||||  
16 TAATATATATATAT 1

RESULT 975  
A27314 17 bp DNA linear PAT 26-SEP-1995  
DEFINITION Synthetic betaglic linker 2.  
ACCESSION A27314  
VERSION A27314.1 GI:1248430  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Seemann,G., Bosslet,K., Czech,J., Kolar,C., Hoffmann,D. and Sedlacek,H.H.  
TITLE Fusion proteins with monoclonal antibody, linker and beta Glucuronidase for produg activation; preparation and use thereof  
JOURNAL Patent: EP 0501215-A 6 02-SEP-1992;  
BEHRINGWERKE Aktiengesellschaft  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3924 CCGCGCGCGCGCTGC 3939  
|||||  
1 CCGCGCGCGCGCTGC 16

RESULT 976  
AR091417/c 17 bp DNA linear PAT 07-SEP-2000  
LOCUS AR091417  
DEFINITION Sequence 7 from patent US 5994109.  
ACCESSION AR091417  
VERSION AR091417.1 GI:10018172  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.  
TITLE Nucleic acid transporter system and methods of use  
JOURNAL Patent: US 5994109-A 7 30-NOV-1999;  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 281 TCCTCTCTCTCTCTT 296  
|||||  
17 TCCTCTCTCTCTCTT 2

RESULT 977  
AR091419/c 17 bp DNA linear PAT 07-SEP-2000  
LOCUS AR091419

DEFINITION Sequence 9 from patent US 5994109.  
AR091419  
VERSION AR091419.1 GI:10018174  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.  
TITLE Nucleic acid transporter system and methods of use  
JOURNAL Patent: US 5994109-A 9 30-NOV-1999;  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 281 TCCTCTCTCTCTCTT 296  
|||||  
17 TCCTCTCTCTCTCTT 2

RESULT 978  
AR125622/c 17 bp DNA linear PAT 16-MAY-2001  
LOCUS AR125622  
DEFINITION Sequence 7 from patent US 6177554.  
ACCESSION AR125622  
VERSION AR125622.1 GI:14111684  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.  
TITLE Nucleic acid transporter systems  
JOURNAL Patent: US 6177554-A 7 23-JAN-2001;  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 281 TCCTCTCTCTCTCTT 296  
|||||  
17 TCCTCTCTCTCTCTT 2

RESULT 979  
AR125624/c 17 bp DNA linear PAT 16-MAY-2001  
LOCUS AR125624  
DEFINITION Sequence 9 from patent US 6177554.  
ACCESSION AR125624  
VERSION AR125624.1 GI:14111686  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.  
TITLE Nucleic acid transporter systems  
JOURNAL Patent: US 6177554-A 9 23-JAN-2001;  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 281 TCCTCTCTCTCTT 296  
17 TCCTCTCTCTCTCT 2

## RESULT 980

AR164572

LOCUS AR164572 17 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 5 from patent US 6274310.  
ACCESSION AR164572  
VERSION AR164572.1 GI:16237642  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Habener, J.F. and Stoffers, D.A.  
TITLE Compositions and methods for detecting pancreatic disease  
JOURNAL Patent: US 6274310-A 5 14-AUG-2001;  
FEATURES Location/Qualifiers  
source 1..17  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1648 AGAGAGAGGCTCTG 1663  
2 AGAGAGAGGCTCTG 17

RESULT 981  
BD254003 17 bp DNA linear PAT 17-JUL-2003  
LOCUS BD254003  
DEFINITION Regulation of repressor genes using nucleic acid molecules.  
ACCESSION BD254003  
VERSION BD254003.1 GI:33063773  
KEYWORDS JP 2002541795-A/1796.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Blatt, L., Zwick, M., Pavco, P. and McSwiggen, J.  
TITLE Regulation of repressor genes using nucleic acid molecules  
JOURNAL Patent: JP 2002541795-A 1796 10-DEC-2002;  
RIBOZYME PHARMACEUTICALS INC  
OS Eukaryote  
PN JP 2002541795-A/1796  
PD 10-DEC-2002  
PF 11-APR-2000 JP 2000611654  
PR 12-APR-1999 US 60/129390  
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC  
CI2N15/09, A61K38/00, A61P43/00, A61P43/00, CI2N5/10, PC  
CI2P21/02,  
PC CI2P21/02, CI2P21/02//A61K31/711, (CI2N5/10, CI2R1:91), (CI2P21/02, PC  
CI2R1:91),  
PC (CI2P21/02, CI2R1:91), (CI2P21/02, CI2R1:91), CI2N15/00, CI2N5/00,  
PC A61K37/02,  
PC (CI2N5/00, CI2R1:91)  
CC Regulation of repressor genes using nucleic acid molecules FH  
Key Location/Qualifiers  
FT source 1..17  
/organism="Eukaryote".  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unidentified"  
/mol\_type="genomic DNA"

/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4030 GGGCGAGAGAGGCC 4045  
17 GGGCGAGAGAGGCC 2

## RESULT 982

BD257482

LOCUS BD257482 17 bp DNA linear PAT 17-JUL-2003  
DEFINITION Regulation of repressor genes using nucleic acid molecules.  
ACCESSION BD257482  
VERSION BD257482.1 GI:33067252  
KEYWORDS JP 2002541795-A/5275.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Blatt, L., Zwick, M., Pavco, P. and McSwiggen, J.  
TITLE Regulation of repressor genes using nucleic acid molecules  
JOURNAL Patent: JP 2002541795-A 5275 10-DEC-2002;  
RIBOZYME PHARMACEUTICALS INC  
OS Eukaryote  
PN JP 2002541795-A/5275  
PD 10-DEC-2002 JP 2000611654  
PF 11-APR-2000 JP 2000611654  
PR 12-APR-1999 US 60/129390  
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC  
CI2N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, CI2N5/10, PC  
CI2P21/02,  
PC CI2P21/02, CI2P21/02//A61K31/711, (CI2N5/10, CI2R1:91), (CI2P21/02, PC  
CI2R1:91),  
PC (CI2P21/02, CI2R1:91), (CI2P21/02, CI2R1:91), CI2N15/00, CI2N5/00,  
PC A61K37/02,  
PC (CI2N5/00, CI2R1:91)  
CC Regulation of repressor genes using nucleic acid molecules FH  
Key Location/Qualifiers  
FT source 1..17  
/organism="Eukaryote".  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1230 CAGCTCTCCCGGCC 1245  
2 CAGCGCTCCCGGCC 17

RESULT 983  
C0616604 17 bp DNA linear PAT 02-FEB-2004  
LOCUS C0616604  
DEFINITION Sequence 1344 from Patent WO0192524.  
ACCESSION C0616604  
VERSION C0616604.1 GI:41666822  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1 Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.

FEATURES Location/Qualifiers  
source 1..17  
/organism="unidentified"  
/mol\_type="genomic DNA"

TITLE  
JOURNAL  
Myosin-like gene expressed in human heart and muscle  
Patent: WO 0192524-A 1344 06-DEC-2001;  
Aeomica, Inc. (US)

FEATURES  
source  
Location/Qualifiers

1..17  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 771 AAGAGGAAAACATGG 786  
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Db 2 AAGAGGAAAACATGG 17

RESULT 984

LOCUS CO616608 17 bp DNA linear PAT 02-FEB-2004

DEFINITION Sequence 1348 from Patent WO0192524.

ACCESSION CO616608

VERSION CO616608.1 GI:41666826

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and

Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 1348 06-DEC-2001;

Aeomica, Inc. (US)

FEATURES  
source  
Location/Qualifiers

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/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 774 AAGGAAAACATGGGCG 789  
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Db 1 AAGGAAAACATGGGCG 16

RESULT 985

LOCUS CO621963 17 bp DNA linear PAT 02-FEB-2004

DEFINITION Sequence 6703 from Patent WO0192524.

ACCESSION CO621963

VERSION CO621963.1 GI:41672181

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and

Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 6703 06-DEC-2001;

Aeomica, Inc. (US)

FEATURES  
source  
Location/Qualifiers

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Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 82 GCTTCTTCAGAGTGG 97  
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Db 17 GCTTCTTCAGAGTGG 2

RESULT 986

LOCUS CO621964 17 bp DNA linear PAT 02-FEB-2004

DEFINITION Sequence 6704 from Patent WO0192524.

ACCESSION CO621964

VERSION CO621964.1 GI:41672182

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and

Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 6704 06-DEC-2001;

Aeomica, Inc. (US)

FEATURES  
source  
Location/Qualifiers

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Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 82 GCTTCTTCAGAGTGG 97  
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Db 16 GCTTCTTCAGAGTGG 1

RESULT 987

LOCUS CO622345 17 bp DNA linear PAT 02-FEB-2004

DEFINITION Sequence 7085 from Patent WO0192524.

ACCESSION CO622345

VERSION CO622345.1 GI:41672563

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and

Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 7085 06-DEC-2001;

Aeomica, Inc. (US)

FEATURES  
source  
Location/Qualifiers

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Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 550 CCAAGCGGAGGAGCT 565  
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Db 2 CCAAGCGGAGGAGCT 17

RESULT 988  
 CO622346 17 bp DNA linear PAT 02-FEB-2004  
 LOCUS Sequence 7086 from Patent WO0192524.  
 DEFINITION CO622346  
 ACCESSION CO622346.1 GI:41672564  
 VERSION  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
 AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
 TITLE Myosin-like gene expressed in human heart and muscle  
 JOURNAL Patent: WO 0192524-A 7086 06-DEC-2001;  
 Aeomica, Inc. (US)  
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 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
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 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 550 CCAAGGCGGAGAGACT 565  
 DB 1 CCAAGGAGAGAGACT 16

RESULT 989  
 CO623457 17 bp DNA linear PAT 02-FEB-2004  
 LOCUS Sequence 8197 from Patent WO0192524.  
 DEFINITION CO623457  
 ACCESSION CO623457.1 GI:41673675  
 VERSION  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
 AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
 TITLE Myosin-like gene expressed in human heart and muscle  
 JOURNAL Patent: WO 0192524-A 8197 06-DEC-2001;  
 Aeomica, Inc. (US)  
 FEATURES  
 source 1. .17  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
 Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3874 TCAAGCCTTCAGATC 3889  
 DB 17 TCAAGCCTTCCAATC 2

RESULT 990  
 CO623459 17 bp DNA linear PAT 02-FEB-2004  
 LOCUS Sequence 8199 from Patent WO0192524.  
 DEFINITION CO623459  
 ACCESSION CO623459.1 GI:41673677  
 VERSION  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM

REFERENCE  
 AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
 TITLE Myosin-like gene expressed in human heart and muscle  
 JOURNAL Patent: WO 0192524-A 8199 06-DEC-2001;  
 Aeomica, Inc. (US)  
 FEATURES  
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 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
 Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3873 ATCAAGCCTTCAGAT 3888  
 DB 16 ATCAAGCCTTCCAAT 1

RESULT 991  
 CO623461 17 bp DNA linear PAT 02-FEB-2004  
 LOCUS Sequence 8201 from Patent WO0192524.  
 DEFINITION CO623461  
 ACCESSION CO623461.1 GI:41673679  
 VERSION  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
 AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
 TITLE Myosin-like gene expressed in human heart and muscle  
 JOURNAL Patent: WO 0192524-A 8201 06-DEC-2001;  
 Aeomica, Inc. (US)  
 FEATURES  
 source 1. .17  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
 Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3870 CCCATCAGCCTTCCA 3885  
 DB 17 CCGATCAGCCTTCCA 2

RESULT 992  
 CO623462 17 bp DNA linear PAT 02-FEB-2004  
 LOCUS Sequence 8202 from Patent WO0192524.  
 DEFINITION CO623462  
 ACCESSION CO623462.1 GI:41673680  
 VERSION  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
 AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
 TITLE Myosin-like gene expressed in human heart and muscle  
 JOURNAL Patent: WO 0192524-A 8202 06-DEC-2001;  
 Aeomica, Inc. (US)  
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3870 CCCATCAGCCTTCCA 3885
Db 16 CCGATCAGCCTTCCA 1

RESULT 993
LOCUS 134953 17 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 39 from patent US 5599704.
ACCESSION 134953
VERSION 134953.1 GI:2087921
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Thompson,J.D. and Draper,K.G.
TITLE ErbB2/neu targeted ribozymes
JOURNAL Patent: US 5599704-A 39 04-FEB-1997;
FEATURES
source 1. .17
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 341 TTCCTCAGTGGCGC 356
Db 17 TTCCTCAGTGGCGC 2

RESULT 994
LOCUS 189346 17 bp DNA linear PAT 10-AUG-1998
DEFINITION Sequence 3 from patent US 5721138.
ACCESSION 189346
VERSION 189346.1 GI:3409286
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Lawn,R.Mark.
TITLE Apolipoprotein(a) promoter and regulatory sequence constructs and
JOURNAL Patent: US 5721138-A 3 24-FEB-1998;
FEATURES
source 1. .17
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 38 GCAGAGAACCACTTC 53
Db 2 GTAGAGAACCACTTC 17

RESULT 995
AR242714
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LOCUS AR242714 17 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 2 from patent US 6475486.
ACCESSION AR242714
VERSION AR242714.1 GI:27289218
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Kolar,C., Czech,J., Bosslet,K., Seemann,G., Sedlacek,H.-H. and
Hoffman,D.
TITLE Glycosyl-etoposide prodrgs, a process for preparation thereof and
the use thereof in combination with functionalized tumor-specific
enzyme conjugates
JOURNAL Patent: US 6475486-A 2 05-NOV-2002;
FEATURES
source 1. .17
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3924 CCGCGCGCGCGCTGC 3939
Db 1 CCGCGCGCGCGCTGC 16

RESULT 996
LOCUS AR381869 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 2 from patent US 6610299.
ACCESSION AR381869
VERSION AR381869.1 GI:40090216
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Kolar,C., Czech,J., Bosslet,K., Seemann,G., Sedlacek,H.-H. and
Hoffmann,D.
TITLE Glycosyl-etoposide prodrgs, a process for preparation thereof and
the use thereof in combination with functionalized tumor-specific
enzyme conjugates
JOURNAL Patent: US 6610299-A 2 26-AUG-2003;
FEATURES
source 1. .17
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3924 CCGCGCGCGCGCTGC 3939
Db 1 CCGCGCGCGCGCTGC 16

RESULT 997
LOCUS AR457667 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 1344 from patent US 6686188.
ACCESSION AR457667
VERSION AR457667.1 GI:42692724
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
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TITLE polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 1344 03-FEB-2004;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGAGGAAAACATGG 786  
Db 2 AAGAGGAAAACATGG 17  
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RESULT 998  
AR457671 17 bp DNA linear PAT 20-FEB-2004  
LOCUS  
DEFINITION Sequence 1348 from patent US 6686188.  
ACCESSION AR457671  
VERSION AR457671.1 GI:42692728  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 1348 03-FEB-2004;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 774 AAGGAAAACATGGGC 789  
Db 1 AAGGAAAACATGGGC 16  
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|||||

RESULT 999  
AR463026 17 bp DNA linear PAT 20-FEB-2004  
LOCUS  
DEFINITION Sequence 6703 from patent US 6686188.  
ACCESSION AR463026  
VERSION AR463026.1 GI:42698083  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 6703 03-FEB-2004;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 82 GCTTCTTCAGAGTGG 97

Db 17 GCTTCTTCAGAGTGG 2  
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RESULT 1000  
AR463027/c 17 bp DNA linear PAT 20-FEB-2004  
LOCUS  
DEFINITION Sequence 6704 from patent US 6686188.  
ACCESSION AR463027  
VERSION AR463027.1 GI:42698084  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 6704 03-FEB-2004;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 82 GCTTCTTCAGAGTGG 97  
Db 16 GCTTCTTCAGAGTGG 1  
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|||||

RESULT 1001  
AR463408 17 bp DNA linear PAT 20-FEB-2004  
LOCUS  
DEFINITION Sequence 7085 from patent US 6686188.  
ACCESSION AR463408  
VERSION AR463408.1 GI:42698465  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 7085 03-FEB-2004;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 550 CCAAGCGGAGAGCT 565  
Db 2 CCAAGCGGAGAGCT 17  
|||||  
|||||

RESULT 1002  
AR463409 17 bp DNA linear PAT 20-FEB-2004  
LOCUS  
DEFINITION Sequence 7086 from patent US 6686188.  
ACCESSION AR463409  
VERSION AR463409.1 GI:42698466  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed  
JOURNAL predominantly in heart and muscle  
FEATURES Patent: US 6686188-A 7086 03-FEB-2004;  
source location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred.No.7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 550 CCAAGCGGAGAGACT 565  
DB 1 CCAAGGAGAGAGACT 16

RESULT 1003  
LOCUS AR464520 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 8197 from patent US 6686188.  
ACCESSION AR464520  
VERSION AR464520.1 GI:42699577  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and,  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed  
JOURNAL predominantly in heart and muscle  
FEATURES Patent: US 6686188-A 8197 03-FEB-2004;  
source location/Qualifiers  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred.No.7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3874 TCAAGCCTTCAGATC 3889  
DB 17 TCAAGCCTTCCAAATC 2

RESULT 1004  
LOCUS AR464522 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 8199 from patent US 6686188.  
ACCESSION AR464522  
VERSION AR464522.1 GI:42699579  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed  
JOURNAL predominantly in heart and muscle  
FEATURES Patent: US 6686188-A 8199 03-FEB-2004;  
source location/Qualifiers  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred.No.7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Best Local Similarity 93.8%; Pred.No.7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3873 ATCAAGCTTCCAGAT 3888  
DB 16 ATCAAGCTTCCAAAT 1

RESULT 1005  
LOCUS AR464524 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 8201 from patent US 6686188.  
ACCESSION AR464524  
VERSION AR464524.1 GI:42699581  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed  
JOURNAL predominantly in heart and muscle  
FEATURES Patent: US 6686188-A 8201 03-FEB-2004;  
source location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred.No.7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3870 CCCATCAAGCCTTCCA 3885  
DB 16 CCGATCAAGCCTTCCA 1

RESULT 1006  
LOCUS AR464525 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 8202 from patent US 6686188.  
ACCESSION AR464525  
VERSION AR464525.1 GI:42699582  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed  
JOURNAL predominantly in heart and muscle  
FEATURES Patent: US 6686188-A 8202 03-FEB-2004;  
source location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred.No.7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 1007  
LOCUS AX101068 17 bp DNA linear PAT 10-APR-2001  
DEFINITION Sequence 42 from Patent WO02121822.  
ACCESSION AX101068

VERSION AX101068.1 GI:13619924  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Dean,C. and Levy,Y.Y.  
TITLE Methods and means for modification of plant flowering characteristics  
JOURNAL Patent: WO 0121822-A 42 29-MAR-2001;  
Plant Bioscience Limited (GB)  
FEATURES  
source Location/Qualifiers  
1.17  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4365 CCATTCTGAAGAAAG 4380  
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1 CCACCTCTGAAGAAAG 16

Db 1 CCACCTCTGAAGAAAG 16

RESULT 1008  
LOCUS AX263704 17 bp DNA linear PAT 26-OCT-2001  
DEFINITION Sequence 1095 from Patent WO0173002.  
AX263704  
VERSION AX263704.1 GI:16512503  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Knäc,E.B., Gamper,H.B. and Rice,M.C.  
TITLE Targeted chromosomal genomic alterations with modified single stranded oligonucleotides  
JOURNAL Patent: WO 0173002-A 1095 04-OCT-2001;  
UNIVERSITY OF DELAWARE (US)  
FEATURES  
source Location/Qualifiers  
1.17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2326 TCAAGCAGCAGCTGTA 2341  
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1 TCAAGCAGCAGCTGTA 16

Db 1 TCAAGCAGCAGCTGTA 16

RESULT 1009  
LOCUS AX263705 17 bp DNA linear PAT 26-OCT-2001  
DEFINITION Sequence 1096 from Patent WO0173002.  
AX263705  
VERSION AX263705.1 GI:16512504  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Knäc,E.B., Gamper,H.B. and Rice,M.C.  
TITLE Targeted chromosomal genomic alterations with modified single

JOURNAL stranded oligonucleotides  
PATENT: WO 0173002-A 1096 04-OCT-2001;  
UNIVERSITY OF DELAWARE (US)  
FEATURES  
source Location/Qualifiers  
1.17  
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Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2326 TCAAGCAGCAGCTGTA 2341  
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1 TCAAGCAGCAGCTGTA 2

Db 1 TCAAGCAGCAGCTGTA 2

RESULT 1010  
LOCUS AX272796 17 bp RNA linear PAT 29-OCT-2001  
DEFINITION Sequence 365 from Patent WO0162911.  
AX272796  
VERSION AX272796.1 GI:16545533  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., Hamblin,P.A. and Ellis,J.H.  
TITLE Method and reagent for the inhibition of grid  
JOURNAL Patent: WO 0162911-A 365 30-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)  
FEATURES  
source Location/Qualifiers  
1.17  
/organism="Homo sapiens"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4912 CCATCACGACGACAG 4927  
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2 CCAGCAGCAGCAG 17

Db 2 CCAGCAGCAGCAG 17

RESULT 1011  
LOCUS AX272797 17 bp RNA linear PAT 29-OCT-2001  
DEFINITION Sequence 366 from Patent WO0162911.  
AX272797  
VERSION AX272797.1 GI:16545534  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., Hamblin,P.A. and Ellis,J.H.  
TITLE Method and reagent for the inhibition of grid  
JOURNAL Patent: WO 0162911-A 366 30-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)  
FEATURES  
source Location/Qualifiers  
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/mol\_type="unassigned RNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4912 CCATCACCAGCCACAG 4927  
1 CCAGCACCAGCCACAG 16

Db

## RESULT 1012

AX272912 17 bp RNA linear PAT 29-OCT-2001  
LOCUS Sequence 481 from Patent WO0162911.  
ACCESSION AX272912  
VERSION AX272912.1 GI:16545649  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., Hamblin, P.A. and  
Ellis, J.H.  
TITLE Method and reagent for the inhibition of grid  
JOURNAL Patent: WO 0162911-A 481 30-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

FEATURES  
source location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 882 GAGCTGCCCCCAGAA 897  
2 GAGCTGCCCCCAGAA 17

Db

## RESULT 1013

AX272914 17 bp RNA linear PAT 29-OCT-2001  
LOCUS Sequence 483 from Patent WO0162911.  
ACCESSION AX272914  
VERSION AX272914.1 GI:16545651  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., Hamblin, P.A. and  
Ellis, J.H.  
TITLE Method and reagent for the inhibition of grid  
JOURNAL Patent: WO 0162911-A 483 30-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

FEATURES  
source location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 883 AGCTGCCCCCAGAA 898  
1 AGCTGCCCCCAGAA 16

Db

RESULT 1014  
AX272934/c 17 bp RNA linear PAT 29-OCT-2001  
LOCUS Sequence 503 from Patent WO0162911.  
ACCESSION AX272934  
VERSION AX272934.1 GI:16545671  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

## REFERENCE

1 Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., Hamblin, P.A. and  
Ellis, J.H.  
TITLE Method and reagent for the inhibition of grid  
JOURNAL Patent: WO 0162911-A 503 30-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

FEATURES  
source location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1124 TCCTCTCCTCCTGAG 1139  
16 TCATCTCCTCCTGAG 1

Db

## RESULT 1015

AX499701/c 17 bp DNA linear PAT 27-SEP-2002  
LOCUS Sequence 1008 from Patent EP1229046.  
ACCESSION AX499701  
VERSION AX499701.1 GI:23381994  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

## REFERENCE

1 Zhan, J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 1008 07-AUG-2002;  
Aeomica, Inc. (US)

FEATURES  
source location/Qualifiers  
1..17  
/organism="Homo sapiens"  
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Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4937 GCCCCCCCAGATGAT 4952  
17 GCCCCCCCAGATGAT 2

Db

## RESULT 1016

AX499702/c 17 bp DNA linear PAT 27-SEP-2002  
LOCUS Sequence 1009 from Patent EP1229046.  
ACCESSION AX499702  
VERSION AX499702.1 GI:23381995  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE 1 Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.  
 AUTHORS Zhan, J.  
 TITLE Human teatle expressed patched like protein  
 JOURNAL Patent: EP 1229046-A 1009 07-AUG-2002;  
 Aeomica, Inc. (US)  
 FEATURES Location/Qualifiers  
 source 1..17  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
 Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4937 GCGCCCAACATGAT 4952  
 DB 16 GCGCCCAACATGAT 1

RESULT 1017  
 AX531569/c 17 bp DNA linear PAT 22-NOV-2002  
 LOCUS AX531569  
 DEFINITION Sequence 1078 from Patent EPI239051.  
 ACCESSION AX531569  
 VERSION AX531569.1 GI:25254907  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

REFERENCE 1 Shannon, M.  
 AUTHORS Human posh-like protein 1  
 TITLE Patent: EP 1239051-A 1078 11-SEP-2002;  
 JOURNAL Aeomica, Inc. (US)  
 FEATURES Location/Qualifiers  
 source 1..17  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
 Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 820 TGGAGGAGAGAGAC 835  
 DB 17 TGGAGGAGAGAGAC 2

RESULT 1018  
 AX531571/c 17 bp DNA linear PAT 22-NOV-2002  
 LOCUS AX531571  
 DEFINITION Sequence 1080 from Patent EPI239051.  
 ACCESSION AX531571  
 VERSION AX531571.1 GI:25254911  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

REFERENCE 1 Shannon, M.  
 AUTHORS Human posh-like protein 1  
 TITLE Patent: EP 1239051-A 1080 11-SEP-2002;  
 JOURNAL Aeomica, Inc. (US)  
 FEATURES Location/Qualifiers  
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 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
 Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 819 CTGAGGAGAGAGACA 834  
 DB 16 CTGAGGAGAGAGACA 1

RESULT 1019  
 AX674324 17 bp DNA linear PAT 27-MAR-2003  
 LOCUS AX674324  
 DEFINITION Sequence 2769 from Patent WO03004526.  
 ACCESSION AX674324  
 VERSION AX674324.1 GI:29332672  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

REFERENCE 1 Telerman, A., Anson, R. and Tuijnder, M.  
 AUTHORS Sequences involved in phenomena of tumour suppression, tumour  
 TITLE reversal, apoptosis and/or resistance to viruses and their use as  
 JOURNAL medicines  
 Patent: WO 03004526-A 2769 16-JAN-2003;  
 Molecular Engines Laboratories (FR)  
 FEATURES Location/Qualifiers  
 source 1..17  
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 /mol\_type="unassigned DNA"  
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Query Match 0.3%; Score 14.4; DB 1; Length 17;  
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QY 2286 GATCTGCTACTGCG 2301  
 DB 1 GATCTGCTACTGCG 16

RESULT 1020  
 AX687777 17 bp DNA linear PAT 31-MAR-2003  
 LOCUS AX687777  
 DEFINITION Sequence 509 from Patent EPI281758.  
 ACCESSION AX687777  
 VERSION AX687777.1 GI:29410473  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

REFERENCE 1 Shannon, M., Gu, Y. and Nguyen, C. T.  
 AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and  
 TITLE mdz12  
 JOURNAL Patent: EP 1281758-A 509 05-FEB-2003;  
 Aeomica, Inc. (US)  
 FEATURES Location/Qualifiers  
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 /mol\_type="unassigned DNA"  
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Query Match 0.3%; Score 14.4; DB 1; Length 17;  
 Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 GAGGCCAAGAGGTT 939  
 DB 2 GAGGCCAAGAGGTT 17

RESULT 1021  
LOCUS AX687779 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 511 from Patent EP1281758.  
ACCESSION AX687779  
VERSION AX687779.1 GI:29410475  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
1 Shannon, M., Gu, Y. and Nguyen, C.T.  
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and  
TITLE Patent: EP 1281758-A 511 05-FEB-2003;  
JOURNAL Aecomica, Inc. (US)  
FEATURES  
source location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 925 AGGCCAAGAGAGTTCC 940  
Db 1 AGGCCAAGAGCGTTCC 16  
RESULT 1022  
LOCUS AX726327 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 4014 from Patent WO03025176.  
ACCESSION AX726327  
VERSION AX726327.1 GI:30505670  
KEYWORDS Mus musculus (house mouse)  
SOURCE Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.  
REFERENCE  
1 Telerman, A., Amson, R. and Tuijinder, M.  
AUTHORS Sequences involved in phenomena of tumour suppression, tumour  
TITLE reversion, apoptosis and/or virus resistance and their use as  
medicines  
JOURNAL Patent: WO 03025176-A 4014 27-MAR-2003;  
FEATURES  
source location/Qualifiers  
1..17  
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/db\_xref="taxon:10090"  
Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 2686 ACAGCCAGAGACAGAT 2701  
Db 17 ACAGCAAGAGACAGAT 2  
RESULT 1023  
LOCUS AX727134 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 4821 from Patent WO03025176.  
ACCESSION AX727134  
VERSION AX727134.1 GI:30506477

KEYWORDS Mus musculus (house mouse)  
SOURCE Mus musculus  
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.  
REFERENCE  
1 Telerman, A., Amson, R. and Tuijinder, M.  
AUTHORS Sequences involved in phenomena of tumour suppression, tumour  
TITLE reversion, apoptosis and/or virus resistance and their use as  
medicines  
JOURNAL Patent: WO 03025176-A 4821 27-MAR-2003;  
FEATURES  
source location/Qualifiers  
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Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 4771 GATCTACCTGCGCTTCT 4786  
Db 1 GATCTACCTGCTTCT 16  
RESULT 1024  
LOCUS AX736703 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 2293 from Patent WO03025177.  
ACCESSION AX736703  
VERSION AX736703.1 GI:30515991  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
1 Telerman, A., Amson, R. and Tuijinder, M.  
AUTHORS Sequences involved in phenomena of tumour suppression, tumour  
TITLE reversion, apoptosis and/or resistance to viruses and the use  
thereof as medicaments  
JOURNAL Patent: WO 03025177-A 2293 27-MAR-2003;  
FEATURES  
source location/Qualifiers  
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/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1598 AGGAGAGAGAGATC 1613  
Db 16 AGGAGAGAGAGATC 1  
RESULT 1025  
LOCUS AX738893 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 4483 from Patent WO03025177.  
ACCESSION AX738893  
VERSION AX738893.1 GI:30518183  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
1 Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments

JOURNAL Patent: WO 03025177-A 4483 27-MAR-2003;

FEATURES Molecular Engines Laboratories (FR)

Source Location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1598 AGAGAGAGAGAGATC 1613

Db 16 AGGAGAGAGAGAGATC 1

RESULT 1026

AX753433/c 17 bp DNA linear PAT 23-JUN-2003

LOCUS Sequence 21 from Patent WO03037362.

AX753433

DEFINITION AX753433

ACCESSION AX753433

VERSION AX753433.1 GI:32166194

KEYWORDS

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1

AUTHORS Steuernagel, A., Eulenberg, K., Broenner, G., Cioabsek, T., Rudolph, B., Rudolph, D., Belgore, F. and Jaekel, S.

TITLE Mnk kinase homologous proteins involved in the regulation of energy homeostasis and cranial metabolism

JOURNAL Patent: WO 03037362-A 21 08-MAY-2003;

Develogen Aktiengesellschaft fuer entwicklungsbioologische Forschung (DE)

FEATURES Location/Qualifiers

source 1. .17

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Human Mnk2a reverse primer"

Query Match 0.3%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 244 GAGCGGTGACGGCCA 259

Db 17 GAGCGGTGACGGCCA 2

RESULT 1027

AX783522 17 bp DNA linear PAT 17-JUL-2003

LOCUS Sequence 1853 from Patent WO03050284.

AX783522

DEFINITION AX783522

ACCESSION AX783522

VERSION AX783522.1 GI:32951371

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1

AUTHORS Guo, J.

TITLE Human prostate cancer candidate protein 1

JOURNAL Patent: WO 03050284-A 1853 19-JUN-2003;

Amerham Biosciences (SV) Corp. (US)

FEATURES Location/Qualifiers

source 1. .17

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4155 CCTGCTGGCTCTCTCT 4170

Db 2 CCTGCTGGCTCTCTCT 17

RESULT 1028

AX783523 17 bp DNA linear PAT 17-JUL-2003

LOCUS Sequence 1854 from Patent WO03050284.

AX783523

DEFINITION AX783523

ACCESSION AX783523

VERSION AX783523.1 GI:32951372

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1

AUTHORS Guo, J.

TITLE Human prostate cancer candidate protein 1

JOURNAL Patent: WO 03050284-A 1854 19-JUN-2003;

Amerham Biosciences (SV) Corp. (US)

FEATURES Location/Qualifiers

source 1. .17

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4155 CCTGCTGGCTCTCTCT 4170

Db 1 CCTGCTGGCTCTCTCT 16

RESULT 1029

BD104450 17 bp DNA linear PAT 27-AUG-2002

LOCUS kit and method for determining HLA type.

BD104450

DEFINITION BD104450

ACCESSION BD104450

VERSION BD104450.1 GI:22650024

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1 (bases 1 to 17)

AUTHORS Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and Nishida, M.

TITLE kit and method for determining HLA type

JOURNAL Patent: WO 0194572-A 554 06-DEC-2001;

NISSHINO INDUSTRIES INC. SYSTEM RESEARCH INC. HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO NISHIDA

COMMENT OS Artificial Sequence

PN WO 0194572-A/554

PD 06-DEC-2001

PR 01-JUN-2001 WO 2001IP004662

PR 01-JUN-2000 JP 00P 164798

PI HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA,

MATSUMURA,

PI SHOGO MORIYA, MICHIO NISHIDA

PC C1201/68, C12M1/00, C12N15/09, G01N33/53

CC Description of Artificial Sequence: capture

FT Key

FT Location/Qualifiers

1. .17

source



FEATURES  
source

FT /organism='Artificial Sequence'.  
1.17  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 470 CTGGGGGTGCTGCGG 485  
|||  
2 CTGGGGGTGCTGCGG 17

RESULT 1030  
AR051129/c AR051129 18 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 10 from patent US 5830653.  
ACCESSION AR051129  
VERSION AR051129.1 GI:5974493  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Froehner,B., Wagner,R., Matteucci,M., Jones,R.J., Gutierrez,A.J.,  
and Pudlo,J.  
TITLE Methods of using oligomers containing modified pyrimidines  
JOURNAL Patent: US 5830653-A 10 03-NOV-1998;  
FEATURES location/Qualifiers  
source 1.18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 276 CTCTTTCTCTCTCT 291  
|||  
Db 16 CTTTCTCTCTCTCT 1

RESULT 1031  
AR105653/c AR105653 18 bp DNA linear PAT 14-FEB-2001  
LOCUS AR105653  
DEFINITION Sequence 8 from patent US 6103224.  
ACCESSION AR105653  
VERSION AR105653.1 GI:12819718  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Ladner,M.B., Van Arsdel,J.N., Martin,G.A., Kawasaki,E.S.,  
Coyne,M.Yee., Halenbeck,R.F. and Kothe,K.E.  
TITLE N.gradient.2 CSF-1 (short form) and carboxy truncated fragments  
JOURNAL Patent: US 6103224-A 8 15-AUG-2000;  
FEATURES location/Qualifiers  
source 1.18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCTCCGACACCTCC 3403  
|||  
Db 18 GTACTCCGACACCTCC 3

RESULT 1032  
AR110611/c AR110611 18 bp DNA linear PAT 14-FEB-2001  
LOCUS AR110611  
DEFINITION Sequence 8 from patent US 6117422.  
ACCESSION AR110611  
VERSION AR110611.1 GI:12827425  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Ladner,M.B., Noble,J.A., Martin,G.A., Kawasaki,E.S., Coyne,M.Yee.,  
Halenbeck,R.F. and Kothe,K.E.  
TITLE N.gradient.2-CSF-1 (long form) and carboxy truncated fragments  
JOURNAL Patent: US 6117422-A 8 12-SEP-2000;  
FEATURES location/Qualifiers  
source 1.18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCTCCGACACCTCC 3403  
|||  
Db 18 GTACTCCGACACCTCC 3

RESULT 1033  
AR141547/c AR141547 18 bp DNA linear PAT 08-AUG-2001  
LOCUS AR141547  
DEFINITION Sequence 8 from patent US 6146851.  
ACCESSION AR141547  
VERSION AR141547.1 GI:15101063  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Ladner,M.B., Van Arsdel,J.N., Martin,G.A., Kawasaki,E.S.,  
Coyne,M.Yee., Halenbeck,R.F. and Kothe,K.E.  
TITLE DNA encoding NV2 (long form) and carboxy truncated fragments  
JOURNAL Patent: US 6146851-A 8 14-NOV-2000;  
FEATURES location/Qualifiers  
source 1.18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCTCCGACACCTCC 3403  
|||  
Db 18 GTACTCCGACACCTCC 3

RESULT 1034  
AR142872/c AR142872 18 bp DNA linear PAT 08-AUG-2001  
LOCUS AR142872  
DEFINITION Sequence 8 from patent US 6204020.  
ACCESSION AR142872  
VERSION AR142872.1 GI:15104158  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)

**AUTHORS** Ladner,M.B., Van Arsdel,J.N., Martin,G.A., Kawasaki,E.S.,  
**TITLE** Coyne,M.Yee., Halebeck,R.F. and Kochs,K.E.  
 DNA encoding N-glycanase 2 CSF-1 (short form) and carboxy truncated  
 fragment thereof  
**JOURNAL** Patent: US 6204020-A 8 20-MAR-2001;  
**FEATURES** Location/Qualifiers  
 source 1..18  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

**Query Match** 0.3%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

**Db** 3388 GTCTCCGACACCTCC 3403  
 18 GTACTCCGACACCTCC 3

**RESULT 1035**  
**LOCUS** AR153750 18 bp DNA linear PAT 08-AUG-2001  
**DEFINITION** Sequence 11 from patent US 6235887.  
**ACCESSION** AR153750  
**VERSION** AR153750.1 GI:15121282  
**KEYWORDS**  
**SOURCE** Unknown.  
**ORGANISM** Unclassified.  
**REFERENCE** 1 (bases 1 to 18)  
**AUTHORS** Froehner,B. and Jones,R.J.  
**TITLE** Enhanced triple-helix and double-helix formation directed by  
 oligonucleotides containing modified pyrimidines  
**JOURNAL** Patent: US 6235887-A 11 22-MAY-2001;  
**FEATURES** Location/Qualifiers  
 source 1..18  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

**Query Match** 0.3%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

**Db** 276 CTCTTCTCTCTCTCT 291  
 16 CTTTCTCTCTCTCT 1

**RESULT 1036**  
**LOCUS** BD273419 18 bp DNA linear PAT 17-JUN-2003  
**DEFINITION** Identification of genes having a role in the presentation of  
 diabetic nephropathy.  
**ACCESSION** BD273419  
**VERSION** BD273419.1 GI:33083187  
**KEYWORDS** JP 2002537775-A/14.  
**SOURCE** Homo sapiens (human)  
**ORGANISM** Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
**REFERENCE** 1 (bases 1 to 18)  
**AUTHORS** Brady,H.R., Godson,C.M., Martin,F.M., McMahon,L.A. and Murphy,M.A.  
**TITLE** Identification of genes having a role in the presentation of  
 diabetic nephropathy  
**JOURNAL** Patent: JP 2002537775-A 14 12-NOV-2002;  
**FEATURES** Location/Qualifiers  
 source 1..18  
 /organism="Homo sapiens"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:9606"

**Query Match** 0.3%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

**Db** 3475 AGGAGTCACAGCCCG 3490  
 2 AGGAGTCACAGCCCG 17

**RESULT 1038**  
**LOCUS** E26536 18 bp DNA linear PAT 18-JUN-2001  
**DEFINITION** DTST gene expression vector.  
**ACCESSION** E26536  
**VERSION** E26536.1 GI:13026203  
**KEYWORDS** JP 1999146780-A/3.  
**SOURCE** unidentified  
**ORGANISM** unidentified  
 unidentified.  
**REFERENCE** 1 (bases 1 to 18)  
**AUTHORS** Yui,K., Naochar,O. and Eiji,S.  
**TITLE** DTST gene expression vector  
**JOURNAL** Patent: JP 1999146780-A 3 02-JUN-1999;  
**COMMENT** SUMITOMO PHARMACEUT CO LTD  
 OS Unidentified

**AUTHORS** LUCE ANNE MCMAHON,MADELINE ANNE MURPHY  
**TITLE** PC C12N15/09,C12Q1/02,C12Q1/66,G01N33/15,G01N33/50,G01N33/50, PC  
 G01N33/53,  
 PC G01N33/566,G01N33/66,C12N15/00  
**JOURNAL** Identification of genes having a role in the presentation of  
 diabetic  
**FEATURES** Location/Qualifiers  
 source 1..18  
 /organism="Homo sapiens (human)"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:9606"

**Query Match** 0.3%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

**Db** 2276 CTACCGTGTGATCTG 2291  
 18 CTACCGTGTGATCTG 3

**RESULT 1037**  
**LOCUS** CQ778070 18 bp DNA linear PAT 11-MAR-2004  
**DEFINITION** Sequence 1756 from Patent EP1394274.  
**ACCESSION** CQ778070  
**VERSION** CQ778070.1 GI:45380788  
**KEYWORDS**  
**SOURCE** synthetic construct  
**ORGANISM** synthetic construct  
 artificial sequences.  
**REFERENCE** 1  
**AUTHORS** Ohtani,N., Sugita,Y., Yamaya,M., Kubo,H., Nagai,H. and Izuhara,K.  
**TITLE** Methods of testing for bronchial asthma or chronic obstructive  
 pulmonary disease  
**JOURNAL** Patent: EP 1394274-A 1756 03-MAR-2004;  
**FEATURES** Location/Qualifiers  
 source 1..18  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="an artificially synthesized primer sequence"

**Query Match** 0.3%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

**Db** 3475 AGGAGTCACAGCCCG 3490  
 2 AGGAGTCACAGCCCG 17

**RESULT 1038**  
**LOCUS** E26536 18 bp DNA linear PAT 18-JUN-2001  
**DEFINITION** DTST gene expression vector.  
**ACCESSION** E26536  
**VERSION** E26536.1 GI:13026203  
**KEYWORDS** JP 1999146780-A/3.  
**SOURCE** unidentified  
**ORGANISM** unidentified  
 unidentified.  
**REFERENCE** 1 (bases 1 to 18)  
**AUTHORS** Yui,K., Naochar,O. and Eiji,S.  
**TITLE** DTST gene expression vector  
**JOURNAL** Patent: JP 1999146780-A 3 02-JUN-1999;  
**COMMENT** SUMITOMO PHARMACEUT CO LTD  
 OS Unidentified

PN JP 1999146790-A/3  
PD 02-JUN-1999  
PF 18-NOV-1997 JP 1997335157  
PR  
PI YUJI KAI, NAOHARU OGORO, EIJI SATO  
PC C12N15/09, A61K48/00, A61K48/00, C12N5/10, C12Q1/68, PC  
G01N33/50//G01N33/53,  
PC (C12N15/09, C12R1:91), C12N15/00, C12N5/00, (C12N15/00, C12R1:91)  
CC Strandedness: Single;  
CC Topology: Linear;  
FH Key  
FH Location/Qualifiers  
FT source  
1. .18  
/organism='Unidentified'.  
location/Qualifiers  
1. .18  
/organism='unidentified'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:32644'

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4788 AGTCTTGTGTTGCA 4803  
DB 17 AGTCTTGTGTTGCA 2

RESULT 1039  
105796/c 18 bp DNA linear PAT 02-DEC-1994  
LOCUS Sequence 2 from Patent EP 0272779.  
DEFINITION 105796  
ACCESSION 105796.1 GI:590913  
VERSION  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Koche,K.E., Halebbeck,R.F., Kawasaki,E.S., Ladner,M.B., Coyne,M.Y.,  
van Arsdell,J.N. and Martin,G.A.  
TITLE New forms of colony stimulating factor-1  
JOURNAL Patent: EP 0272779-A2 2 29-JUN-1988;  
FEATURES  
source location/Qualifiers  
1. .18  
/organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCTCCGACACCTCC 3403  
DB 18 GTACTCCGACACCTCC 3

RESULT 1040  
128749/c 18 bp DNA linear PAT 06-FEB-1997  
LOCUS Sequence 8 from patent US 5573930.  
DEFINITION 128749  
ACCESSION 128749  
VERSION 128749.1 GI:1819525  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Ladner,M.B., Noble,J.A., Martin,G.A., Kawasaki,E.S., Coyne,M.Y.,  
Halebbeck,R.F. and Koche,K.E.  
TITLE DNA encoding various forms of colony stimulating factor-1  
JOURNAL Patent: US 5573930-A 8 12-NOV-1996;  
FEATURES location/Qualifiers

source 1. .18  
/organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCTCCGACACCTCC 3403  
DB 18 GTACTCCGACACCTCC 3

RESULT 1041  
150655/c 18 bp DNA linear PAT 07-OCT-1997  
LOCUS Sequence 8 from patent US 5643563.  
DEFINITION 150655  
ACCESSION 150655  
VERSION 150655.1 GI:2472358  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Ladner,M.B., Noble,J.A., Martin,G.A., Kawasaki,E.S., Coyne,M.Y.,  
Halebbeck,R.F. and Koche,K.E.  
TITLE N-gradient 3 deletion mutants of the short form of CSF-1  
JOURNAL Patent: US 5643563-A 8 01-JUL-1997;  
FEATURES location/Qualifiers  
1. .18  
/organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCTCCGACACCTCC 3403  
DB 18 GTACTCCGACACCTCC 3

RESULT 1042  
151689/c 18 bp DNA linear PAT 07-OCT-1997  
LOCUS Sequence 10 from patent US 5645985.  
DEFINITION 151689  
ACCESSION 151689  
VERSION 151689.1 GI:2472890  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Froehner,B., Wagner,R., Matteucci,M., Jones,R.J., Gutierrez,A.J.,  
and Pudlo,J.  
TITLE Enhanced triple-helix and double-helix formation with oligomers  
containing modified pyrimidines  
JOURNAL Patent: US 5645985-A 10 08-JUL-1997;  
FEATURES location/Qualifiers  
1. .18  
/organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 276 CTCTTCTCTCTCTCT 291  
DB 16 CTCTTCTCTCTCTCT 1

RESULT 1043

167642/c  
 LOCUS 167642 18 bp DNA linear PAT 30-DEC-1997  
 DEFINITION Sequence 8 from patent US 5672343.  
 ACCESSION 167642  
 VERSION 167642.1 GI:2731177  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 18)  
 AUTHORS Ladner,M.B., Noble,J.A., Martin,G.A., Kawasaki,E.S., Coyne,M.Yee.,  
 TITLE Halenbeck,R.F. and Koths,K.E.  
 JOURNAL N-3 deletion mutants of the long form of CSF-1  
 FEATURES Patent: US 5672343-A 8 30-SEP-1997;  
 source Location/Qualifiers  
 1..18  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCTCTCCGACACCTCC 3403  
 Db 18 GTACTCCGACACCTCC 3

RESULT 1044  
 LOCUS 171136 18 bp DNA linear PAT 03-APR-1998  
 DEFINITION Sequence 8 from patent US 5681719.  
 ACCESSION 171136  
 VERSION 171136.1 GI:3007271  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 18)  
 AUTHORS Ladner,M.B., Noble,J.A., Martin,G.A., Kawasaki,E.S., Coyne,M.Yee.,  
 TITLE Halenbeck,R.F. and Koths,K.E.  
 JOURNAL DNA encoding N- and C-terminally truncated colony stimulating  
 FEATURES Patent: US 5681719-A 8 28-OCT-1997;  
 source Location/Qualifiers  
 1..18  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCTCTCCGACACCTCC 3403  
 Db 18 GTACTCCGACACCTCC 3

RESULT 1045  
 LOCUS AR292756/c 18 bp DNA linear PAT 12-JUN-2003  
 DEFINITION Sequence 4491 from patent US 6537751.  
 ACCESSION AR292756  
 VERSION AR292756.1 GI:31680040  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 18)  
 AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
 TITLE Biallelic markers for use in constructing a high density  
 JOURNAL disequilibrium map of the human genome  
 Patent: US 6537751-A 4491 25-MAR-2003;

FEATURES Location/Qualifiers  
 source 1..18  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1600 AGAAGGAGGATCCT 1615  
 Db 17 AGAAGGAGGATCCT 2

RESULT 1046  
 LOCUS AR294490/c 18 bp DNA linear PAT 12-JUN-2003  
 DEFINITION Sequence 6225 from patent US 6537751.  
 ACCESSION AR294490  
 VERSION AR294490.1 GI:31681774  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 18)  
 AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
 TITLE Biallelic markers for use in constructing a high density  
 JOURNAL disequilibrium map of the human genome  
 Patent: US 6537751-A 6225 25-MAR-2003;  
 FEATURES Location/Qualifiers  
 1..18  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2755 ACCGTGAGTTCACCTC 2770  
 Db 17 AACTGGAGTTCACCTC 2

RESULT 1047  
 LOCUS AX034352/c 18 bp DNA linear PAT 22-SEP-2000  
 DEFINITION Sequence 14 from Patent WO0050637.  
 ACCESSION AX034352  
 VERSION AX034352.1 GI:10303108  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 REFERENCE 1  
 AUTHORS Godson,C.M., Brady,H.R. and Martin,F.M.  
 TITLE Identification of genes having a role in the presentation of  
 JOURNAL Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.  
 GODSON CATHERINE MARY (IE); BRADY HUGH REDMOND (IE); HIBERGEN  
 LIMITED (IE); MARTIN FINIAN MARY (IE); UNIV COLLEGE DUBLIN  
 NATIONAL U (IE)  
 FEATURES Location/Qualifiers  
 1..18  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 8.6e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2276 CTACCGTGTGATCTG 2291

Db 18 CTACCGTGTGATGTG 3  
|||||  
RESULT 1048  
AX938709/c 18 bp DNA linear PAT 07-JAN-2004  
LOCUS Sequence 154 from Patent EP1365034.  
DEFINITION AX938709  
ACCESSION AX938709.1 GI:40733089  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Wirtz,R., Munnes,M. and Kallabis,H.  
TITLE Methods and compositions for the prediction, diagnosis, prognosis,  
prevention and treatment of malignant neoplasia  
JOURNAL Patent: EP 1365034-A 154 26-NOV-2003;  
Bayer Healthcare AG (DE)  
FEATURES  
source Location/Qualifiers  
1.18  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer"  
Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred.No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
OY 4203 AGGAAGGGCCTAGCT 4218  
Db 18 AGGAAGGGCCTAGCT 3  
|||||  
RESULT 1049  
BD087860 18 bp DNA linear PAT 27-AUG-2002  
LOCUS BD087860  
DEFINITION A method of arraying genome clone.  
ACCESSION BD087860  
VERSION BD087860.1 GI:22633470  
KEYWORDS JP 2001321190-A/104.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Soeda,E.  
TITLE A method of arraying genome clone  
JOURNAL Patent: JP 2001321190-A 104 20-NOV-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA  
GENOTECHS  
COMMENT OS Artificial Sequence  
PN JP 2001321190-A/104  
PD 20-NOV-2001  
PF 12-MAR-2001 JP 2001068285  
PI EICHI SOEDA  
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC  
C12N15/00  
CC Description of Artificial Sequence:Synthetic DNA FH Key  
FT source Location/Qualifiers  
1.18  
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Location/Qualifiers  
1.18  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"  
Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred.No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
FEATURES  
source Location/Qualifiers  
1.18  
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OY 4150 GACCTCCTGCTGGCTC 4165  
Db 1 GACCTCCTGCTGCTC 16  
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RESULT 1050  
BD103954 18 bp DNA linear PAT 27-AUG-2002  
LOCUS BD103954  
DEFINITION Kit and method for determining HLA type.  
ACCESSION BD103954  
VERSION BD103954.1 GI:22649528  
KEYWORDS WO 0192572-A/58.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and  
Nishida,M.  
TITLE Kit and method for determining HLA type  
JOURNAL Patent: WO 0192572-A 58 06-DEC-2001;  
NISHIDA  
COMMENT OS Artificial Sequence  
PN WO 0192572-A/58  
PD 06-DEC-2001  
PF 01-JUN-2001 WO 2001JP004662  
PI 01-JUN-2000 JP 00P 164798  
PI HIDEOTOSHI INOKO,TAERU KAGIYA,TATSUO ICHIHARA,YOSHIYUKI MATSUMURA,SHOGO MORIYA,MICHI  
MATSUMURA,  
PI SHOGO MORIYA,MICHI NISHIDA  
PC C1201/68,C12M1/00,C12N15/09,G01N33/53  
CC Description of Artificial Sequence:capture  
FH Key Location/Qualifiers  
FT source 1.18  
/organism="Artificial Sequence".  
Location/Qualifiers  
1.18  
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/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"  
Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred.No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
OY 408 AGAGCAACGGCGGC 423  
Db 3 AGAGCAACGGCGGC 18  
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RESULT 1051  
AR066916 19 bp DNA linear PAT 29-SEP-1999  
LOCUS AR066916  
DEFINITION Sequence 264 from patent US 5851760.  
ACCESSION AR066916  
VERSION AR066916.1 GI:5998138  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Evans,G.A. and Smith,M.W.  
TITLE Method for generation of sequence sampled maps of complex genomes  
JOURNAL Patent: US 5851760-A 264 22-DEC-1998;  
FEATURES  
source Location/Qualifiers  
1.19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4754 GCTAGCTGAGACAG 4769  
|||||  
Db 4 CTTAGCTGGAGCAG 19

RESULT 1052  
AR204625/c  
LOCUS AR204625 19 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 11 from patent US 6368791.  
ACCESSION AR204625  
VERSION AR204625.1 GI:21501999  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Felix,C.A., Jones,D.H. and Rappaport,E.  
TITLE Methods and kits for analysis of chromosomal rearrangements  
associated with leukemia  
JOURNAL Patent: US 6368791-A 11 09-APR-2002;  
FEATURES  
source Location/Qualifiers  
1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 9.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4937 GCCCCCAACATGTAT 4952  
|||||  
Db 16 GCCACCCACATGTAT 1

RESULT 1053  
AX132242/c  
LOCUS AX132242 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 3460 from Patent WO0130362.  
ACCESSION AX132242  
VERSION AX132242.1 GI:14138547  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Robbins,J.M. and Titz,R.  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases  
JOURNAL Patent: WO 0130362-A 3460 03-MAY-2001;  
FEATURES  
source Location/Qualifiers  
1. .19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Cyclin B1 ribozyme binding site"

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 9.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5047 TCTTGAATAGTGACG 5062  
|||||  
Db 18 TCTTGAATAGTGACG 3

RESULT 1054  
AX230270  
LOCUS AX230270 19 bp DNA linear PAT 11-SEP-2001  
DEFINITION Sequence 157 from Patent WO0162797.

ACCESSION AX230270  
VERSION AX230270.1 GI:15592229  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Vogel,G., Wood,L.S., Parodi,L.A. and Lind,P.  
TITLE Novel 9 protein-coupled receptors  
JOURNAL Patent: WO 0162797-A 157 30-AUG-2001;  
PHARMACIA & UPJOHN COMPANY (US)  
FEATURES  
source Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 9.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1225 ACCAGCAGCTCTCCC 1240  
|||||  
Db 4 ACCAGCAGCTCTCCAC 19

RESULT 1055  
AX838460/c  
LOCUS AX838460 19 bp DNA linear PAT 15-DEC-2003  
DEFINITION Sequence 51 from Patent WO03076621.  
ACCESSION AX838460  
VERSION AX838460.1 GI:39922087  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Cohen,E.A., Yao,X.J., Belhumeur,P. and Lemay,J.  
TITLE Vpr modulation and uses thereof  
JOURNAL Patent: WO 03076621-A 51 18-SEP-2003;  
UNIVERSITE DE MONTREAL (CA)  
FEATURES  
source Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 9.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 69 CTTGCTAGGCCATGCT 84  
|||||  
Db 19 CTTGCAAGGCCATGCT 4

RESULT 1056  
BD089355/c  
LOCUS BD089355 19 bp DNA linear PAT 27-AUG-2002  
DEFINITION A method of arraying genome clone.  
ACCESSION BD089355  
VERSION BD089355.1 GI:22634965  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Soeda,E.  
TITLE A method of arraying genome clone  
JOURNAL Patent: JP 2001321190-A 1599 20-NOV-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

COMMENT OS GENOTCHS  
 PN JP 2001321190-A/1599  
 PD 20-NOV-2001  
 PF 12-MAR-2001 JP 2001068285  
 PI EICHIGI SOEBA  
 PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC  
 C12N15/00  
 CC C12N15/00  
 Description of Artificial Sequence: Synthetic DNA FH Key  
 Location/Qualifiers  
 FT source 1..19  
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 1..19  
 /organism="synthetic construct"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
 Best Local Similarity 93.8%; Pred. No. 9.2e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2849 TGGTGAGACTCTTCCA 2864  
 16 TGGGAGAGACTCTTCCA 1

Db 16 TGGGAGAGACTCTTCCA 1

RESULT 1057  
 AB068582/c  
 LOCUS AB068582 19 bp DNA linear SYN 21-MAY-2003  
 DEFINITION Synthetic construct DNA, forward primer for human STS sts-R369A24F  
 at 1936.  
 ACCESSION AB068582  
 VERSION AB068582.1 GI:15129386  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 1  
 REFERENCE 1  
 Chen, Y.Z., Hayashi, Y., Wu, J.G., Takaoka, E., Maekawa, K.,  
 Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,  
 Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A.  
 and Seede, E.  
 A BAC-based STS-content map spanning a 35-Mb region of human  
 chromosome 1p35-p36  
 JOURNAL Genomics 74 (1), 55-70 (2001)  
 MEDLINE 21269192  
 PUBMED 11374902  
 REFERENCE 2 (bases 1 to 19)  
 TITLE Direct Submission  
 AUTHORS Horii, A.  
 JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of  
 Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,  
 Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,  
 Tel: 81-22-717-8042, Fax: 81-22-717-8047)  
 FEATURES  
 source 1..19  
 /organism="synthetic construct"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32630"  
 1..19  
 /note="forward primer for human STS sts-R369A24F at 1936  
 sts-R369A24F obtained from clones B9C2, B369A24, Human BAC  
 library RPCI-11"

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
 Best Local Similarity 93.8%; Pred. No. 9.2e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2849 TGGTGAGACTCTTCCA 2864  
 16 TGGGAGAGACTCTTCCA 1

Db 16 TGGGAGAGACTCTTCCA 1

RESULT 1058  
 A42953  
 LOCUS A42953 20 bp DNA linear PAT 06-MAR-1997  
 DEFINITION Sequence 12 from Patent WO9503328.  
 A42953  
 A42953  
 A42953.1 GI:2298401  
 KEYWORDS  
 SOURCE unidentified  
 ORGANISM unidentified  
 1 (bases 1 to 20)  
 /organism="unidentified"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
 Best Local Similarity 93.8%; Pred. No. 9.2e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3788 GGGAGCGCGCGCGC 3803  
 3 GGGCTGGCGCGCGCGC 18

Db 3 GGGCTGGCGCGCGCGC 18

RESULT 1059  
 AR074798/c  
 LOCUS AR074798 20 bp DNA linear PAT 28-AUG-2000  
 DEFINITION Sequence 6 from patent US 5955277.  
 AR074798  
 AR074798  
 AR074798.1 GI:10001551  
 KEYWORDS  
 SOURCE unknown.  
 ORGANISM unknown.  
 1 (bases 1 to 20)  
 /organism="unclassified".  
 1 (bases 1 to 20)  
 /organism="unclassified".  
 /mol\_type="unassigned DNA"  
 Location/Qualifiers  
 1..20  
 /organism="unclassified".  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
 Best Local Similarity 93.8%; Pred. No. 9.2e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1148 CACACGCTCTGCAAG 1163  
 19 CAAAGCTCTGCAAG 4

Db 19 CAAAGCTCTGCAAG 4

RESULT 1060  
 AR131515  
 LOCUS AR131515 20 bp DNA linear PAT 16-MAY-2001  
 DEFINITION Sequence 8 from patent US 6194149.  
 AR131515  
 AR131515  
 AR131515.1 GI:14120418  
 KEYWORDS  
 SOURCE unknown.  
 ORGANISM unknown.

REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source

Unclassified.  
1 (bases 1 to 20)  
Neri, B., Dong, F., Lyamichev, V., Brow, M. Ann. D. and Fors, L.  
Target-dependent reactions using structure-bridging  
oligonucleotides  
Patent: US 6194149-A 8 27-FEB-2001;  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3342 GACCAAGCCGCCAAGG 3357  
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2 GACCAAGCCGCCAAGG 17

Db

RESULT 1061  
LOCUS ARI44092 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 8 from patent US 6210880.  
ACCESSION ARI44092  
VERSION ARI44092.1 GI:15105959  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source

1 (bases 1 to 20)  
Lyamichev, V. I., Dong, F., Brow, M. Ann. D., Fors, L. and Neri, B. P.  
Polymorphism analysis by nucleic acid structure probing with  
structure-bridging oligonucleotides  
Patent: US 6210880-A 8 03-APR-2001;  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3342 GACCAAGCCGCCAAGG 3357  
|||  
2 GACCAAGCCGCCAAGG 17

Db

RESULT 1062  
LOCUS BD247638/c 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION A method for accelerating the rate of mucociliary clearance.  
ACCESSION BD247638  
VERSION BD247638.1 GI:33057408  
KEYWORDS JP 2002532558-A/17.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
1 (bases 1 to 20)  
Hall, R., Poll, C. T., Newton, B. B. and Taylor, W. J. A.  
A method for accelerating the rate of mucociliary clearance  
Patent: JP 2002532558-A 17 02-OCT-2002;  
BAYER AKTIENGESELLSCHAFT  
OS Homo sapiens (human)  
PN JP 2002532558-A/17  
PD 02-OCT-2002  
PR 22-DEC-1999 JP 2000589209  
PR 22-DEC-1998 US 09/218913, 17-NOV-1999 US 09/441966 PI  
RODERICK HALL, CHRISTOPHER T POLL, BENJAMIN  
B NEWTON, WILLIAM J A  
PI TAYLOR

PC A61K38/55, A61K9/12, A61K9/72, A61K47/02, A61P11/00, A61P11/02, PC  
A61P11/06,  
PC A61P27/16, A61P43/00//C07K14/81, A61K37/64  
CC A method for accelerating the rate of mucociliary clearance FH  
Key Location/Qualifiers  
FT source 1..20  
/organism="Homo sapiens (human)".  
Location/Qualifiers  
1..20  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3479 GTCAAGCCCACTGAC 3494  
|||  
18 GGCAGGCCCACTGAC 3

Db

RESULT 1063  
LOCUS BD260849 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION A novel type of transposon-based genetic marker.  
ACCESSION BD260849  
VERSION BD260849.1 GI:33070619  
KEYWORDS JP 2002540799-A/7.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
COMMENT

1 (bases 1 to 20)  
Bureau, T., Chang, R., Landry, B. and O'donoghue, L. S.  
A novel type of transposon-based genetic marker  
Patent: JP 2002540799-A 7 03-DEC-2002;  
MCGILL UNIVERSITY, DNA LANDMARKS INC  
OS Artificial Sequence  
PN JP 2002540799-A/7  
PD 03-DEC-2002  
PR 30-MAR-2000 JP 2006096602  
PR 01-APR-1999 US 60/127460  
PI THOMAS BUREAU, RUYING CHANG, BENOIT LANDRY, LOUISE STEPHANIE  
O'DONOGHUE  
PC C12N15/09, C12Q1/68, C12N15/00  
CC Artificial Primer  
FH Key Location/Qualifiers  
FT source 1..20  
/organism="Artificial Sequence".  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match  
Best Local Similarity 75.0%; Pred. No. 9.9e+02;  
Matches 15; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 2420 AATCAGCTTGGCCCACT 2439  
|||  
1 AATTMTTGGACCACT 20

Db

RESULT 1064  
LOCUS CQ755269/c 20 bp DNA linear PAT 01-MAR-2004  
DEFINITION Sequence 41 from Patent EP1374891.  
ACCESSION CQ755269  
VERSION CQ755269.1 GI:44846177  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens



REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

AUTHORS Hall, R., Poll, C.T., Newton, B.B. and Taylor, W.J.

TITLE Method for accelerating the rate of mucociliary clearance

JOURNAL EP 1374891-A 41 02-JAN-2004; Bayer Aktiengesellschaft (DE)

FEATURES location/Qualifiers

source 1..20

1..20 /organism="Homo sapiens" /mol\_type="unassigned DNA" /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 20; Best Local Similarity 93.8%; Pred. No. 9.9e+02; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3479 GTCAAGGCCCACTGAC 3494

Db 18 GGCAAGGCCCACTGAC 3

RESULT 1065

AR199449

LOCUS AR199449 20 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 8 from patent US 6355437.

ACCESSION AR199449

VERSION AR199449.1 GI:20249523

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Neri, B., Dong, F., Lyamichev, V., Brow, M. Ann. D. and Fors, L.

TITLE Target-dependent reactions using structure-bridging oligonucleotides

JOURNAL Patent: US 6355437-A 8 12-MAR-2002;

FEATURES location/Qualifiers

source 1..20

1..20 /organism="unknown" /mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20; Best Local Similarity 93.8%; Pred. No. 9.9e+02; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3342 GACCAAGGCCCAAG 3357

Db 2 GACCAAGGCCCAAG 17

RESULT 1066

AR200920

LOCUS AR200920 20 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 8 from patent US 6358691.

ACCESSION AR200920

VERSION AR200920.1 GI:20251808

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Neri, B., Dong, F., Lyamichev, V., Brow, M. Ann. D. and Fors, L.

TITLE Target-dependent reactions using structure-bridging oligonucleotides

JOURNAL Patent: US 6358691-A 8 19-MAR-2002;

FEATURES location/Qualifiers

source 1..20

1..20 /organism="unknown" /mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20; Best Local Similarity 93.8%; Pred. No. 9.9e+02; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3342 GACCAAGGCCCAAG 3357

Db 2 GACCAAGGCCCAAG 17

RESULT 1067

AR207157

LOCUS AR207157 20 bp DNA linear PAT 20-JUN-2002

DEFINITION Sequence 51 from patent US 6372492.

ACCESSION AR207157

VERSION AR207157.1 GI:21505979

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Bennett, C. Frank, and Cowser, L.M.

TITLE Antisense modulation of talin expression

JOURNAL Patent: US 6372492-A 51 16-APR-2002;

FEATURES location/Qualifiers

source 1..20

1..20 /organism="unknown" /mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20; Best Local Similarity 93.8%; Pred. No. 9.9e+02; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2296 CCTGGAGCGCAAC 2311

Db 1 CCTGGAGCGCAAC 16

RESULT 1068

AR221397/c

LOCUS AR221397 20 bp DNA linear PAT 26-SEP-2002

DEFINITION Sequence 36 from patent US 6426220.

ACCESSION AR221397

VERSION AR221397.1 GI:23328447

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Bennett, C.F. and Cowser, L.M.

TITLE Antisense modulation of calreticulin expression

JOURNAL Patent: US 6426220-A 36 30-JUL-2002;

FEATURES location/Qualifiers

source 1..20

1..20 /organism="unknown" /mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20; Best Local Similarity 93.8%; Pred. No. 9.9e+02; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1406 CACCTTGAGGTGAAG 1421

Db 16 CACCTTGAGGTGAAG 1

RESULT 1069

AR225107/c

LOCUS AR225107 20 bp DNA linear PAT 26-SEP-2002

DEFINITION Sequence 73 from patent US 6441156.

ACCESSION AR225107

VERSION AR225107.1 GI:23334242

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS

TITLE

JOURNAL

FEATURES location/Qualifiers

source 1..20

1..20 /organism="unknown" /mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20; Best Local Similarity 93.8%; Pred. No. 9.9e+02; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

REFERENCE 1 (bases 1 to 20)  
AUTHORS Lerman,M.I., Latif,F., Wei,M.-H., Duh,F.-M., Minna,J.D., Sekido,Y.  
TITLE Calcium channel compositions and methods of use thereof  
JOURNAL Patent: US 644156-A 73-27-AUG-2002;  
FEATURES Location/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 315 GGAAGTCTCCGACG 330  
Db 18 GGAAGTCTCTGCAGC 3

RESULT 1070  
LOCUS AR229969 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 12 from patent US 6451538.  
ACCESSION AR229969  
VERSION AR229969.1 GI:27269861  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cowbert,L.M.  
TITLE Antisense modulation of CHK2 expression  
JOURNAL Patent: US 6451538-A 12-17-SEP-2002;  
FEATURES Location/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4958 CGTGTCTGTAGACAG 4973  
Db 1 CGTGTCTGTAGACAG 16

RESULT 1071  
LOCUS AR298089/c 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 9824 from patent US 6537751.  
ACCESSION AR298089  
VERSION AR298089.1 GI:31685373  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL Patent: US 6537751-A 9824-25-MAR-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4973 GTCCTTCTGTGCTC 4988  
Db 1 GTCCTTCTGTGCTC 1

Db 17 GTTTTGCTGTGCTC 2

RESULT 1072  
LOCUS AR307965 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 176 from patent US 6551826.  
ACCESSION AR307965  
VERSION AR307965.1 GI:31698721  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Watt,A.T.  
TITLE Antisense modulation of raidd expression  
JOURNAL Patent: US 6551826-A 176-22-APR-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4209 GGGCTAGCTTCTGTG 4224  
Db 2 GGGCTTNGCTTCTGAG 17

RESULT 1073  
LOCUS AR313814 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 4351 from patent US 6559254.  
ACCESSION AR313814  
VERSION AR313814.1 GI:31707240  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Griffiths,R., Holseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,  
TITLE Sankaran,B. and Fletcher,L.D.  
JOURNAL Chlamydia pneumoniae polynucleotides and uses thereof  
FEATURES Patent: US 6559254-A 4351-06-MAY-2003;  
SOURCE Location/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1620 AAGCAATATGTTTTG 1635  
Db 2 AAGCACTATGTTTTG 17

RESULT 1074  
LOCUS AR345107 20 bp mRNA linear PAT 17-AUG-2003  
DEFINITION Sequence 41 from patent US 6583108.  
ACCESSION AR345107  
VERSION AR345107.1 GI:33741655  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Tamburini,P.P., Davie,G., Delaria,K.A., Marlor,C.W. and Muller,D.K.  
TITLE Human bikunin

JOURNAL Patent: US 6583108-A 41 24-JUN-2003;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="mrna"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3479 GTCAGGCCCGCAGTGAC 3494  
| | | | | | | | | | | | | | | | | | | | | |  
Db 18 GCGCAGGCCCGCAGTGAC 3

RESULT 1075  
AR371923/c AR371923 20 bp DNA linear PAT 12-SEP-2003  
LOCUS Sequence 37 from patent US 6395544.  
DEFINITION AR371923  
ACCESSION AR371923  
VERSION AR371923.1 GI:34609033  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Cowsett,L.M. and Freier,S.M.  
TITLE Antisense modulation of BCAS1 expression  
JOURNAL Patent: US 6395544-A 37 28-MAY-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3767 CACGTGCTCATCTCT 3782  
| | | | | | | | | | | | | | | | | | | | | |  
Db 18 CGCGTCTCATCTCT 3

RESULT 1076  
AR371930/c AR371930 20 bp DNA linear PAT 12-SEP-2003  
LOCUS Sequence 44 from patent US 6395544.  
DEFINITION AR371930  
ACCESSION AR371930  
VERSION AR371930.1 GI:34609040  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Cowsett,L.M. and Freier,S.M.  
TITLE Antisense modulation of BCAS1 expression  
JOURNAL Patent: US 6395544-A 44 28-MAY-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3767 CACGTGCTCATCTCT 3782  
| | | | | | | | | | | | | | | | | | | | | |  
Db 18 CGCGTCTCATCTCT 3

RESULT 1077  
AR488682

LOCUS AR488682 20 bp DNA linear PAT 15-MAY-2004  
DEFINITION Sequence 8 from patent US 6709815.  
ACCESSION AR488682  
VERSION AR488682.1 GI:47254880  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Dong,F., Lyamichev,V.I., Prudent,J.R., Fors,L., Neri,B.P.,  
Brow,M.A.D., Anderson,T.A. and Dahlberg,J.E.  
TITLE Target-dependent reactions using structure-bridging  
oligonucleotides  
JOURNAL Patent: US 6709815-A 8 23-MAR-2004;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3342 GACCAGCGGCCAAGG 3357  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 GACCAGCGGCCAAGG 17

RESULT 1078  
AR488906 AR488906 20 bp DNA linear PAT 15-MAY-2004  
LOCUS Sequence 8 from patent US 6709815.  
DEFINITION AR488906  
ACCESSION AR488906  
VERSION AR488906.1 GI:47255133  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Lyamichev,V.I., Dong,F., Brow,M.A.D., Fors,L. and Neri,B.P.  
TITLE Polymorphism analysis by nucleic acid structure probing with  
structure-bridging oligonucleotides  
JOURNAL Patent: US 6709815-A 8 23-MAR-2004;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3342 GACCAGCGGCCAAGG 3357  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 GACCAGCGGCCAAGG 17

RESULT 1079  
AX016796 AX016796 20 bp DNA linear PAT 07-SEP-2000  
LOCUS Sequence 12 from Patent EP0947583.  
DEFINITION AX016796  
ACCESSION AX016796  
VERSION AX016796.1 GI:10041989  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE artificial sequences.  
1

Dna fragments activated in expression of melanoma inhibiting  
protein (mia)  
Patent: EP 0947583-A 12 06-OCT-1999;  
ROCHE DIAGNOSTICS GMBH (DE)  
JOURNAL

FEATURES  
source

Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="adaptor"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3788 GGGCAGGGCGCGCGC 3803

Db 3 GGGCTGGCGCGCGCGC 18

RESULT 1080  
AX077123/c 20 bp DNA linear PAT 22-FEB-2001

LOCUS AX077123 Sequence 19 from Patent WO0107478.  
DEFINITION AX077123  
ACCESSION AX077123  
VERSION AX077123.1 GI:13121739

KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.

REFERENCE  
AUTHORS  
TITLE

1 Shen, S. and Harman, A.J.  
A pl. artificial chromosome (pac) vector for the expression of  
pituitary adenylyl cyclase activating peptide receptor (pacap  
receptor) and transgenic animals comprising said vector  
Patent: WO 0107478-A 19 01-FEB-2001;  
JOURNAL MEDICAL RESEARCH COUNCIL (GB)

FEATURES  
source

Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="synthetic oligonucleotide"

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1116 TCCAGCAGCTCTCTC 1131

Db 17 TCCAGCAGCTCTCTC 2

RESULT 1081  
AX141112/c 20 bp DNA linear PAT 31-MAY-2001

LOCUS AX141112 Sequence 18 from Patent WO0134653.  
DEFINITION AX141112  
ACCESSION AX141112  
VERSION AX141112.1 GI:14281131

KEYWORDS  
SOURCE  
ORGANISM  
Homo sapiens (human)

REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
COMMISARIAT A L'ENERGIE ATOMIQUE (FR)

1 Kitzendbaum, M., le Discorde, M. and Prost, S.  
Protein present at the surface of hematopoietic stem cells of the  
lymphoid line and of nk cells, and uses thereof  
Patent: WO 0134653-A 18 17-MAY-2001;  
Location/Qualifiers  
1. .20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

FEATURES  
source

Query Match 0.3%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 87 TCCAGAGGCGCCACA 102

Db 17 TCCAGAGGCGCCACA 2

RESULT 1082  
AX148051 20 bp DNA linear PAT 31-AUG-2001

LOCUS AX148051 Sequence 51 from Patent WO0134848.  
DEFINITION AX148051  
ACCESSION AX148051  
VERSION AX148051.1 GI:14347021

KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.

REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
Secretary of the Department of Health and Human Services (US)

1 Brown, B.A., Kilpatrick, D.R., Paliash, M.A. and Oberste, M.S.  
Serotype-specific identification of enterovirus 71 by rt-pcr  
Patent: WO 0134848-A 51 17-MAY-2001;  
Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

modified\_base 3 /mod\_base=i  
modified\_base 6 /mod\_base=i  
modified\_base 12 /mod\_base=i  
modified\_base 15 /mod\_base=i

modified\_base 15 /mod\_base=i

modified\_base 15 /mod\_base=i

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2722 CCACATTGATGACCAA 2737

Db 4 CCACATTGATGACCAA 19

RESULT 1083

AX419671 20 bp DNA linear PAT 18-JUN-2002

LOCUS AX419671 Sequence 8 from Patent WO0198537.  
DEFINITION AX419671  
ACCESSION AX419671  
VERSION AX419671.1 GI:21524038

KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.

REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
THIRD WAVE TECHNOLOGIES, INC. (US)

1 Lyamichyev, V., Allawi, H., Dong, F., Neri, B.P. and Veneri, I.T.  
Nucleic acid accessible hybridization sites  
Patent: WO 0198537-A 8 27-DEC-2001;  
Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

FEATURES  
source

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3342 GACCAGCCGCCAAGG 3357

|||||

Db 2 GACCAAGCGCCCAAG 17

RESULT 1084

AX469758 20 bp DNA linear PAT 16-JUL-2002

LOCUS AX469758

DEFINITION Sequence 6 from Patent WO0240498.

ACCESSION AX469758

VERSION AX469758.1 GI:21901878

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 Oberley, L.W., Weydert, C.J. and Smith, B.B. Reduction of antioxidant enzyme levels in tumor cells using antisense oligonucleotides Patent: WO 0240498-A 6 23-MAY-2002;

JOURNAL UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)

FEATURES

source 1..20

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 9.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3708 GAGGCTGATCGCGCG 3723

Db 4 GAGGCTCATCGCGCG 19

RESULT 1085

AX488555 20 bp DNA linear PAT 16-AUG-2002

LOCUS AX488555/c

DEFINITION Sequence 5855 from Patent WO02053728.

ACCESSION AX488555

VERSION AX488555.1 GI:22322635

KEYWORDS

SOURCE Candida albicans

ORGANISM Candida albicans

Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes; Saccharomycetales; mitosporic Saccharomycetales; Candida.

REFERENCE 1 Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L. Gene disruption methodologies for drug target discovery Patent: WO 02053728-A 5855 11-JUL-2002;

JOURNAL Elittra Pharmaceuticals, Inc. (US)

FEATURES

source 1..20

/organism="Candida albicans"

/mol\_type="unassigned DNA"

/db\_xref="taxon:5476"

Query Match 0.3%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 9.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3774 TCATCTCTGCGGAG 3789

Db 19 TCATCTCTGCGGAG 4

RESULT 1086

BD084933 20 bp DNA linear PAT 27-AUG-2002

LOCUS BD084933

DEFINITION Target-dependent reactions using structure-bridging oligonucleotides.

ACCESSION BD084933

VERSION BD084933.1 GI:22630543

KEYWORDS JP 2001523111-A/8...

SOURCE unidentified

ORGANISM unidentified

REFERENCE 1 (bases 1 to 20)

AUTHORS Dong, F., Lyamichev, V.I., Prudent, J.R., Fors, L., Neri, B.P., Brow, M.A.D., Anderson, T.A. and Dahlberg, J.E.

TITLE Target-dependent reactions using structure-bridging oligonucleotides

JOURNAL Patent: JP 2001523111-A 8 20-NOV-2001;

COMMENT THIRD WAVE TECHNOLOGIES INC

OS Unidentified

PN JP 2001523111-A/8

PD 20-NOV-2001

PF 05-MAY-1998 JP 1998548047

PR 05-MAY-1997 US 08/851588, 19-SEP-1997 US 08/934097 PR

PI 03-MAR-1998 US 09/034205

PI FANG DONG, VICTOR I LYAMICHEV, JAMES R PRUDENT, LANCE FORS, BRUCE P NERI,

PI MARY ANN D BROW, TODD A ANDERSON, JAMES B DAHLBERG PC

CC C07H21/04, C07H21/02, C12Q1/68

CC Strandedness: Single;

CC Topology: Linear;

CC /desc = 'DNA'

PH Key

FT source 1..20

Location/Qualifiers

source 1..20

Location/Qualifiers

1..20

/organism="unidentified"

/mol\_type="genomic DNA"

/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 9.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3342 GACCAAGCGCCCAAG 3357

Db 2 GACCAAGCGCCCAAG 17

RESULT 1087

BD107194/c 20 bp DNA linear PAT 18-SEP-2002

LOCUS BD107194/c

DEFINITION Base sequence for detecting Lactobacillus bacteria and Pediococcus bacteria, and method for detecting these bacteria.

ACCESSION BD107194

VERSION BD107194.1 GI:23202012

KEYWORDS JP 2002034578-A/39

SOURCE Lactobacillus lindneri

ORGANISM Lactobacillus lindneri

Bacteria; Firmicutes; Lactobacillales; Lactobacillaceae; Lactobacillus.

REFERENCE 1 (bases 1 to 20)

AUTHORS Yasunara, T., Takahashi, K. and Motoyama, Y.

TITLE Base sequence for detecting Lactobacillus bacteria and Pediococcus bacteria, and method for detecting these bacteria

JOURNAL Patent: JP 2002034578-A 39 05-FEB-2002;

COMMENT ASahi BREWERIES LTD

OS Lactobacillus lindneri

PN JP 2002034578-A/39

PD 05-FEB-2002

PF 31-JUL-2000 JP 2000230241

PI TAKAOMI YASUNARA, KYOKO TAKAHASHI, YASUO MOTOYAMA PC

C12N15/09, C12Q1/68, C12R1:24, C12Q1/68, C12R1:25, PC

(C12Q1/68, C12R1:225), (C12Q1/68, C12R1:01), C12N15/00 CC Base

sequence for detecting Lactobacillus bacteria and CC

Pediococcus

CC bacteria, and method for detecting these bacteria PH Key

FT source 1..20

Location/Qualifiers

1..20

/organism="Lactobacillus lindneri".

## FEATURES

## Bouice

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Location/Qualifiers
1. 20
/organism="Lactobacillus lindneri"
/mol_type="genomic DNA"
/db_xref="taxon:53444"
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Query Match	0.3%	Score 14.4;	DB 1;	Length 20;
Best Local Similarity	93.8%	Pred. No. 9.9e+02;		
Matches 15; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

Oy	3399	CCTCCCGGCCAGCCGC	3414
Db	17	CCTCAGGCCAGCCGC	2

RESULT 1088

LOCUS	20 bp	DNA	linear	PAT 17-JAN-2003
BD169451				
Novel guanosine triphosphate (GTP)-binding protein-coupled receptor protein, BG7.				

**Source**

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/organism="synthetic construct"  
/mol_type="genomic DNA"  
/db_xref="taxon:32630"
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QY      4061 CAGAGCTGCCATGCAG 4076
          |||||
Db      16 CAGAGCTGCCATGTAG 1

```

RESULT 1089

LOCUS	DOG25301	21 bp	DNA	linear	MAM 11-JUN-1993
DEFINITION	Dog (Clone: CXX.253)	primer for STS 253,	5'	end.	
ACCESSION	L15686				
VERSION	L15686.1	GI:29011			
KEYWORDS	PCR identification; PCR primer; STS.				
SEGMENT	1 of 2				

**SOURCE**

## ORGANISM

Canis familiaris (dog)  
Canis familiaris  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Carnivora; Pisces; Canidae; Canis.  
1 (bases 1 to 21)

primer\_bind

Query Match	0.3%	Score 14.4	DB 1	Length 21
Best Local Similarity	93.8%	Pred. No. 1.1e+03		
Matches 15	Conservative 0	Mismatches 1	Indels 0	Gaps 0

Qy	1530	CACAGAAATCTGC	1545
Db	20	CAAAAGAAATCTGC	5

## RESULT 1090

LOCUS	21 bp	DNA	linear	PAT 29-SEP-1994
A16411				
oligonucleotide used for site directed mutagenesis.				

TITLE	IMMUNOGENIC DETOXIFIED MUTANTS OF CHOLERA TOXIN AND OF THE TOXIN LT, THEIR PREPARATION AND THEIR USE FOR THE PREPARATION OF VACCINES
JOURNAL	Patent: WO 9313202-A 34 08 -JUL-1993;
FEATURES	Location/Qualifiers
source	1. .21

Query Mat

Query Match	0.3%	Score 14.4;	DB 1;	Length 21;
Best Local Similarity	93.8%	Pred. No. 1.1e+03;		
Matches 15; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

QY	1582	TGATCTTGGTGAAC	1597
Db	16	TAATCTTGGTGAAC	1

## RESULT 1091

A74293/C

LOCUS A74293 21 bp DNA linear PAT 15-OCT-1999  
 DEFINITION Sequence 5 from Patent WO9401555.  
 ACCESSION A74293  
 VERSION A74293.1 GI:6064321  
 KEYWORDS unidentified  
 ORGANISM unidentified  
 SOURCE unidentified  
 REFERENCE 1 (bases 1 to 21)  
 AUTHORS Amaliky,N. and Boscher,U.  
 TITLE POLYPEPTIDES HAVING SEROTONINERGIC ACTIVITY (5HT5A), NUCLEIC  
 JOURNAL ACIDS CODING FOR THESE POLYPEPTIDES AND USES THEREOF  
 INST NAT SANTE RECH MED (FR); AMALIKY NOURDINE (FR)  
 FEATURES  
 SOURCE 1..21  
 /organism="unidentified"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 21;  
 Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2378 GAGGAGGAGCAGAG 2393  
 DB 16 GTGAGGAGCAGAG 1

RESULT 1092  
 LOCUS AR030686 21 bp DNA linear PAT 29-SEP-1999  
 DEFINITION Sequence 23 from patent US 5861294.  
 ACCESSION AR030686  
 VERSION AR030686.1 GI:5943900  
 KEYWORDS Unknown.  
 ORGANISM Unknown.  
 SOURCE Unknown.  
 REFERENCE 1 (bases 1 to 21)  
 AUTHORS Cowart,M.Daniel., Halbert,D.N., Kerwin,J.F. Jr. and McNally,T.  
 TITLE Adenosine kinase polypeptides  
 JOURNAL Patent: US 5861294-A 23 19-JAN-1999;  
 FEATURES  
 SOURCE 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 21;  
 Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2148 GAAAAGAACTCAGGC 2163  
 DB 16 GAAAAGCACTCAGGC 1

RESULT 1093  
 LOCUS AR038834 21 bp DNA linear PAT 29-SEP-1999  
 DEFINITION Sequence 6 from patent US 5807691.  
 ACCESSION AR038834  
 VERSION AR038834.1 GI:5958197  
 KEYWORDS Unknown.  
 ORGANISM Unknown.  
 SOURCE Unknown.  
 REFERENCE 1 (bases 1 to 21)  
 AUTHORS Amaliky,N., Boscher,U., Hen,R. and Plaasat,J.-L.  
 TITLE Polypeptides having serotonin receptor activity (5HT5A), nucleic  
 JOURNAL acids coding for these polypeptides and uses thereof  
 FEATURES Patent: US 5807691-A 6 15-SEP-1998;  
 Location/Qualifiers

source 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 21;  
 Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2378 GAGGAGGAGCAGAG 2393  
 DB 16 GTGAGGAGCAGAG 1

RESULT 1094  
 LOCUS AR082449 21 bp DNA linear PAT 31-AUG-2000  
 DEFINITION Sequence 8 from patent US 5972901.  
 ACCESSION AR082449  
 VERSION AR082449.1 GI:10009175  
 KEYWORDS Unknown.  
 ORGANISM Unknown.  
 SOURCE Unknown.  
 REFERENCE 1 (bases 1 to 21)  
 AUTHORS Fertol,T.W. Jr., Davis,P.B. and Ziadly,A.-G.  
 TITLE Serpin enzyme complex receptor-mediated gene transfer  
 JOURNAL Patent: US 5972901-A 8 26-OCT-1999;  
 FEATURES  
 SOURCE 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 21;  
 Best Local Similarity 75.0%; Pred. No. 1.1e+03;  
 Matches 15; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 2526 GACCGAGCTCTGGAAGTC 2545  
 DB 20 GACTGRTCATCTSGAGTC 1

RESULT 1095  
 LOCUS AR139005 21 bp DNA linear PAT 16-JUN-2001  
 DEFINITION Sequence 8 from patent US 6200801.  
 ACCESSION AR139005  
 VERSION AR139005.1 GI:14481350  
 KEYWORDS Unknown.  
 ORGANISM Unknown.  
 SOURCE Unknown.  
 REFERENCE 1 (bases 1 to 21)  
 AUTHORS Fertol,T.W. Jr., Davis,P.B. and Ziadly,A.-G.  
 TITLE Serpin enzyme complex receptor-mediated gene transfer  
 JOURNAL Patent: US 6200801-A 8 13-MAR-2001;  
 FEATURES  
 SOURCE 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 21;  
 Best Local Similarity 75.0%; Pred. No. 1.1e+03;  
 Matches 15; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 2526 GACCGAGCTCTGGAAGTC 2545  
 DB 20 GACTGRTCATCTSGAGTC 1

RESULT 1096  
 LOCUS BD260875 21 bp DNA linear PAT 17-JUL-2003  
 DEFINITION A novel type of transposon-based genetic marker.

ACCESSION BD260875.1 GI:33070645  
VERSION BD260875.1  
KEYWORDS JP 2002540799-A/33.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Bureau,T., Chang,R., Landry,B. and Ogdonoghue,L.S.  
TITLE A novel type of transposon-based genetic marker  
JOURNAL Patent: JP 2002540799-A 33 03-DEC-2002;  
MCGILL UNIVERSITY, DNA LANDMARKS INC  
COMMENT OS Artificial Sequence  
PN JP 2002540799-A/33  
PD 03-DEC-2002  
PR 30-MAR-2000 JP 2000609602  
PI 01-APR-1999 US 60/127460  
PI THOMAS BUREAU, RUYING CHANG, BENOIT LANDRY, LOUISE STEPHANIE  
O'DONOUGHUE  
PC C12N15/09, C12Q1/68, C12N15/00  
CC Artificial Primer  
FH Key  
FT source  
FEATURES Location/Qualifiers  
source 1..21  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 75.0%; Pred. No. 1.1e+03;  
Matches 15; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 2420 AATCAGCTTGCCCACT 2439  
Db 1 AATTMTTGGCACT 20

RESULT 1097  
BD260876 21 bp DNA linear PAT 17-JUL-2003  
LOCUS BD260876  
DEFINITION A novel type of transposon-based genetic marker.  
ACCESSION BD260876  
VERSION BD260876.1 GI:33070646  
KEYWORDS JP 2002540799-A/34.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Bureau,T., Chang,R., Landry,B. and Ogdonoghue,L.S.  
TITLE A novel type of transposon-based genetic marker  
JOURNAL Patent: JP 2002540799-A 34 03-DEC-2002;  
MCGILL UNIVERSITY, DNA LANDMARKS INC  
COMMENT OS Artificial Sequence  
PN JP 2002540799-A/34  
PD 03-DEC-2002  
PR 30-MAR-2000 JP 2000609602  
PI 01-APR-1999 US 60/127460  
PI THOMAS BUREAU, RUYING CHANG, BENOIT LANDRY, LOUISE STEPHANIE  
O'DONOUGHUE  
PC C12N15/09, C12Q1/68, C12N15/00  
CC Artificial Primer  
FH Key  
FT source  
FEATURES Location/Qualifiers  
source 1..21  
/organism="Artificial Sequence".

Query Match 0.3%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 75.0%; Pred. No. 1.1e+03;  
Matches 15; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 2420 AATCAGCTTGCCCACT 2439  
Db 1 AATTMTTGGCACT 20

RESULT 1099  
BD260876 21 bp DNA linear PAT 17-JUL-2003  
LOCUS BD260876  
DEFINITION A novel type of transposon-based genetic marker.  
ACCESSION BD260876.1 GI:33070646  
KEYWORDS JP 2002540799-A/34.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Bureau,T., Chang,R., Landry,B. and Ogdonoghue,L.S.  
TITLE A novel type of transposon-based genetic marker  
JOURNAL Patent: JP 2002540799-A 34 03-DEC-2002;  
MCGILL UNIVERSITY, DNA LANDMARKS INC  
COMMENT OS Artificial Sequence  
PN JP 2002540799-A/34  
PD 03-DEC-2002  
PR 30-MAR-2000 JP 2000609602  
PI 01-APR-1999 US 60/127460  
PI THOMAS BUREAU, RUYING CHANG, BENOIT LANDRY, LOUISE STEPHANIE  
O'DONOUGHUE  
PC C12N15/09, C12Q1/68, C12N15/00  
CC Artificial Primer  
FH Key  
FT source  
FEATURES Location/Qualifiers  
source 1..21  
/organism="Artificial Sequence".

Matches 15; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 2420 AATCAGCTTGCCCACT 2439  
Db 1 AATTMTTGGCACT 20

RESULT 1098  
BD260877 21 bp DNA linear PAT 17-JUL-2003  
LOCUS BD260877  
DEFINITION A novel type of transposon-based genetic marker.  
ACCESSION BD260877.1 GI:33070647  
VERSION BD260877.1  
KEYWORDS JP 2002540799-A/35.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Bureau,T., Chang,R., Landry,B. and Ogdonoghue,L.S.  
TITLE A novel type of transposon-based genetic marker  
JOURNAL Patent: JP 2002540799-A 35 03-DEC-2002;  
MCGILL UNIVERSITY, DNA LANDMARKS INC  
COMMENT OS Artificial Sequence  
PN JP 2002540799-A/35  
PD 03-DEC-2002  
PR 30-MAR-2000 JP 2000609602  
PI 01-APR-1999 US 60/127460  
PI THOMAS BUREAU, RUYING CHANG, BENOIT LANDRY, LOUISE STEPHANIE  
O'DONOUGHUE  
PC C12N15/09, C12Q1/68, C12N15/00  
CC Artificial Primer  
FH Key  
FT source  
FEATURES Location/Qualifiers  
source 1..21  
/organism="Artificial Sequence".

Query Match 0.3%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 75.0%; Pred. No. 1.1e+03;  
Matches 15; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 2420 AATCAGCTTGCCCACT 2439  
Db 1 AATTMTTGGCACT 20

RESULT 1099  
CO846800 21 bp RNA linear PAT 02-AUG-2004  
LOCUS CO846800  
DEFINITION Sequence 49 from Patent WO2004036221.  
ACCESSION CO846800  
VERSION CO846800.1 GI:50895950  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
REFERENCE 1 O'Toole,M.W. and Liu,W.  
AUTHORS O'Toole,M.W. and Liu,W.  
TITLE Compositions and methods for diagnosing and treating autoimmune disease  
JOURNAL Patent: WO 2004036221-A 49 29-APR-2004;  
WYETH (US); O'Toole, Margot Mary (US); Liu, Wei (US)  
COMMENT OS Artificial Sequence  
PN 1..21  
PD 1..21  
PR 1..21  
PI 1..21  
PC 1..21  
CC 1..21  
FH 1..21  
FT 1..21  
FEATURES Location/Qualifiers  
source 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 21;



Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2086 TGCGTTCATGTTCAA 2101

Db 2 TGACGTCATGTTCAA 17

## RESULT 1100

AR309613

LOCUS AR309613 21 bp DNA linear PAT 12-JUN-2003

DEFINITION Sequence 24 from patent US 6555655.

ACCESSION AR309613

VERSION AR309613.1 GI:31701650

KEYWORDS

SOURCE

ORGANISM

REFERENCE 1 (bases 1 to 21)

AUTHORS

Rupar,M.J., Donovan,W.P., Chu,C.-R., Pease,E., Tan,Y., Slaney,A.C.,

TITLE

Coleopteran-toxic polypeptide compositions and insect-resistant

transgenic plants

Patent: US 6555655-A 24 29-APR-2003;

Location/Qualifiers

FEATURES

source

1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 21;

Best Local Similarity 93.8%; Pred. No. 1.1e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2169 CAAACTATATGACCA 2184

Db 4 CAAAATATATGACCA 19

## RESULT 1101

AX045526

LOCUS AX045526 21 bp DNA linear PAT 24-NOV-2000

DEFINITION Sequence 24 from Patent WO0066742.

ACCESSION AX045526

VERSION AX045526.1 GI:11343977

KEYWORDS

SOURCE

ORGANISM

REFERENCE 1

Rupar,M.J., Donovan,W.P., Chu,C.R., Pease,E., Tan,Y., Slaney,A.C.,

AUTHORS

Malvar,T.M. and Baum,J.A.

Coleopteran-toxic polypeptide compositions and insect-resistant

transgenic plants

Patent: WO 0066742-A 24 09-NOV-2000;

Location/Qualifiers

FEATURES

source

1..21  
/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Synthetic"

Query Match 0.3%; Score 14.4; DB 1; Length 21;

Best Local Similarity 93.8%; Pred. No. 1.1e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2169 CAAACTATGACCA 2184

Db 4 CAAAATATATGACCA 19

## RESULT 1102

AX095590/c

LOCUS AX095590 21 bp DNA linear PAT 30-MAR-2001

DEFINITION Sequence 768 from Patent WO0118250.

ACCESSION AX095590

VERSION AX095590.1 GI:13511793

KEYWORDS

SOURCE

ORGANISM

Homo sapiens (human)

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

1 Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and

Mccarthy,J.J.

Single nucleotide polymorphisms in genes

Patent: WO 0118250-A 768 15-MAR-2001;

WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium

Pharmaceuticals, Inc. (US)

Location/Qualifiers

1..21  
/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 21;

Best Local Similarity 83.3%; Pred. No. 1.1e+03;

Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3966 CTCGACGCTCCAGGCG 3983

Db 21 CTCGACGCTCCAGGCG 4

## RESULT 1103

AX095850/c

LOCUS AX095850 21 bp DNA linear PAT 30-MAR-2001

DEFINITION Sequence 1028 from Patent WO0118250.

ACCESSION AX095850

VERSION AX095850.1 GI:13512077

KEYWORDS

SOURCE

ORGANISM

Homo sapiens (human)

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

1 Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and

Mccarthy,J.J.

Single nucleotide polymorphisms in genes

Patent: WO 0118250-A 1028 15-MAR-2001;

WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium

Pharmaceuticals, Inc. (US)

Location/Qualifiers

1..21  
/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 21;

Best Local Similarity 83.3%; Pred. No. 1.1e+03;

Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1724 CATCTTCGCGCACCTG 1741

Db 18 CATCTTCGCGCCCCAG 1

## RESULT 1104

AX096369/c

LOCUS AX096369 21 bp DNA linear PAT 30-MAR-2001

DEFINITION Sequence 1547 from Patent WO0118250.

ACCESSION AX096369

VERSION AX096369.1 GI:13512623

KEYWORDS

SOURCE

ORGANISM

Homo sapiens (human)

Homo sapiens

REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match  
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 21;  
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 4319 CCAGCTCGCTTGGTAC 4336  
18 CCAGCTGRCCTTGCTAC 1

RESULT 1105  
AX096428/c  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match  
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 21;  
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 3485 GCCCAGTACCTGGGGA 3502  
19 GCCCATTCRCCTGGGGA 2

RESULT 1106  
AX154123  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL

FEATURES  
source  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match  
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 21;  
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 579 GCGAAGACGGGAGCTTC 596  
1 GCGAAGACGCGGCTGC 18

RESULT 1107  
AX203381  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match  
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 21;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 774 AAGGAAACATGGGCG 789  
2 AAGGAAACATGGGCG 17

RESULT 1108  
AX203641  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match  
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 21;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 774 AAGGAAACATGGGCG 789

Db 2 AAAGAAAACATGGGCG 17

RESULT 1109

LOCUS AX247912/c 21 bp DNA linear PAT 28-SEP-2001

DEFINITION Sequence 13 from Patent WO0166801.

ACCESSION AX247912

VERSION AX247912.1 GI:15862535

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 Engert, J., Vohl, M.C., Brewer, C., Morgan, K., Gaudet, D. and Hudson, T.J.

TITLE Very low density lipoprotein receptor polymorphisms and uses there for

JOURNAL Patent: WO 0166801-A 13 13-SEP-2001; Complexe Hospitalier de la Sagamie (CA) ; MCGILL UNIVERSITY (CA)

FEATURES

source 1. .21 /organism="Homo sapiens" /mol\_type="unassigned DNA" /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 21; Best Local Similarity 93.8%; Pred. No. 1.1e+03; Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 5231 GATGGAAGTCTGCGTAC 5248

Db 21 GATGGAAGTCTGCGTAC 4

RESULT 1110

LOCUS AX350483/c 21 bp DNA linear PAT 06-FEB-2002

DEFINITION Sequence 108 from Patent WO0181578.

ACCESSION AX350483

VERSION AX350483.1 GI:18616088

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 Vernet, C.A., Fernandes, E.R., Gerlach, V., Shinkets, R.A., Majumdar, U.W., Boldog, F.L., Zernusen, B.D., Spytek, K.A., Majumder, K., Tchernev, V.T., Padigaru, M., Paturajan, M., Bugues, C.E., Gangoli, E.A., Smithson, G., Rastelli, L., Macdougall, J.R., Taupier, R.J., Grosse, W.M. and Alsobrook, J.P.

TITLE Novel proteins and nucleic acids encoding same

JOURNAL Patent: WO 0181578-A 108 01-NOV-2001; Curagen Corporation (US)

FEATURES

source 1. .21 /organism="synthetic construct" /mol\_type="unassigned DNA" /db\_xref="taxon:32630" /note="Ag770 Forward Primer"

Query Match 0.3%; Score 14.4; DB 1; Length 21; Best Local Similarity 93.8%; Pred. No. 1.1e+03; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2583 AGTACCGACGACATCA 2598

Db 20 AGTACCGACGACAGCA 5

RESULT 1111

AX712203/c

LOCUS AX712203 21 bp DNA linear PAT 11-APR-2003

DEFINITION Sequence 3 from Patent WO03018819.

ACCESSION AX712203

VERSION AX712203.1 GI:29823426

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 Pichon, M., Becker, M., Nadaud, I. and Goffner, D.

TITLE Method for obtaining transformed corn plants with improved properties of digestibility, resulting corn plants and uses

JOURNAL Patent: WO 03018819-A 3 06-MAR-2003; Genoplante-Valor (FR)

FEATURES

source 1. .21 /organism="synthetic construct" /mol\_type="unassigned DNA" /db\_xref="taxon:32630" /note="amorce"

Query Match 0.3%; Score 14.4; DB 1; Length 21; Best Local Similarity 93.8%; Pred. No. 1.1e+03; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3958 TGCTGCACCTCCAGCA 3973

Db 17 TGCGACACCTCCAGCA 2

RESULT 1112

LOCUS BD173943/c 21 bp DNA linear PAT 18-FEB-2003

DEFINITION Remedies for inflammatory/tumor disease.

ACCESSION BD173943

VERSION BD173943.1 GI:28415278

KEYWORDS

SOURCE WO 02066069-A/8.

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 21)

AUTHORS Remedies for inflammatory/tumor disease

TITLE Patent: WO 02066069-A 8 29-AUG-2002; KANSAI TECHNOLOGY LICENSING ORGANIZATION CO LTD, AKIRA MATSUMORI, JUNICHI MIYAZAKI, ATSUSHI NAKANO

JOURNAL OS Artificial Sequence

COMMENT PN WO 02066069-A/8

PD 29-AUG-2002 WO 2002JP001445

PF 20-FEB-2002 WO 2002JP001445

PR 20-FEB-2001 JP 01P 043569

PI AKIRA MATSUMORI, JUNICHI MIYAZAKI, ATSUSHI NAKANO PC

AK148/00, A61K31/711, A61P29/00, A61P35/00, A61P9/00//A61K38/19, PC

A61K38/20

CC Remedies for inflammatory/tumor disease

FT Key

FT source 1. .21 /organism="Artificial Sequence".

FEATURES

source 1. .21 /organism="synthetic construct" /mol\_type="genomic DNA" /db\_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 21; Best Local Similarity 93.8%; Pred. No. 1.1e+03; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1532 CAAGAAATCTCGAG 1547

Db 21 CATGAAAATCTCGAG 6

RESULT 1113  
AR067041/c  
LOCUS AR067041 22 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 389 from patent US 5851760.  
ACCESSION AR067041  
VERSION AR067041.1 GI:5998263  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Evans,G.A. and Smith,M.W.  
TITLE Method for generation of sequence sampled maps of complex genomes  
JOURNAL Patent: US 5851760-A 389 22-DEC-1998;  
FEATURES  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1556 GTCACAGAAATTCTG 1571  
DB 19 GTCACAGAGATTCTG 4

RESULT 1114  
AR06554  
LOCUS AR06554 22 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 43 from patent US 5985599.  
ACCESSION AR06554  
VERSION AR06554.1 GI:10013320  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Mckenzie,I.F.C., Hogarth,M.P., Hibbs,M.L., Scott,B.M., Bonadonna,L.  
TITLE FC receptor for immunoglobulin  
JOURNAL Patent: US 5985599-A 43 16-NOV-1999;  
FEATURES  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1313 GACAGCCTGTTGCA 1328  
DB 2 GACAGCCTGCTGCA 17

RESULT 1115  
AR06555/c  
LOCUS AR06555 22 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 44 from patent US 5985599.  
ACCESSION AR06555  
VERSION AR06555.1 GI:10013321  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Mckenzie,I.F.C., Hogarth,M.P., Hibbs,M.L., Scott,B.M., Bonadonna,L.  
TITLE FC receptor for immunoglobulin  
JOURNAL Patent: US 5985599-A 44 16-NOV-1999;

FEATURES  
source Location/Qualifiers  
1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1313 GACAGCCTGTTGCA 1328  
DB 21 GACAGCCTGCTGCA 6

RESULT 1116  
CO818723/c  
LOCUS CO818723 22 bp DNA linear PAT 07-JUN-2004  
DEFINITION Sequence 153 from Patent WO2004039825.  
ACCESSION CO818723  
VERSION CO818723.1 GI:48427329  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM Artificial sequences.  
REFERENCE 1  
AUTHORS fresky Rd,P.O., Franch,T., Gouliayev,A.H., Lundorf,M.D., Felding,J.,  
Olsen,E.K., Holtmann,A., Jakobsen,S.R., Sams,C., Glad,S.S.,  
Jensen,K.B. and Pedersen,H.  
TITLE Enzymatic encoding  
JOURNAL Patent: WO 2004039825-A 153 13-MAY-2004;  
FEATURES  
source 1..22  
Location/Qualifiers  
1  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Artificially produced"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1288 ACATGGTGTCCAGCT 1303  
DB 17 ACCTGGTGTCCAGCT 2

RESULT 1117  
CO818731/c  
LOCUS CO818731 22 bp DNA linear PAT 07-JUN-2004  
DEFINITION Sequence 161 from Patent WO2004039825.  
ACCESSION CO818731  
VERSION CO818731.1 GI:48427336  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS fresky Rd,P.O., Franch,T., Gouliayev,A.H., Lundorf,M.D., Felding,J.,  
Olsen,E.K., Holtmann,A., Jakobsen,S.R., Sams,C., Glad,S.S.,  
Jensen,K.B. and Pedersen,H.  
TITLE Enzymatic encoding  
JOURNAL Patent: WO 2004039825-A 161 13-MAY-2004;  
FEATURES  
source 1..22  
Location/Qualifiers



SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Jones,M.H.  
TITLE Nucleic acid encoding BAZ1.alpha. transcriptional regulator and methods of use  
JOURNAL Patent: US 6596482-A 20 22-JUL-2003;  
FEATURES Location/Qualifiers  
source 1..22  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2805 GGAGAAATGAGAG 2820  
DB 21 GGAGAAATGAGAG 6

RESULT 1123  
LOCUS AR494378 22 bp DNA linear PAT 15-MAY-2004  
DEFINITION Sequence 708 from patent US 6720166.  
ACCESSION AR494378  
VERSION AR494378.1 GI:47267470  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Simons,J.N., Pilot-Matias,T.J., Dawson,G.J., Schlauder,G.G., Desai,S.M., Leary,T.P., Muerhoff,A.S., Erker,J.C., Bui,K.S.L. and Mushanwar,I.K.  
TITLE Non-a, non-b, non-c, non-d, non-e hepatitis reagents and methods for their use  
JOURNAL Patent: US 6720166-A 708 13-APR-2004;  
FEATURES Location/Qualifiers  
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Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4 GGGCATGCGATCCGAC 19  
DB 3 GGGCATGCGATCCGAC 18

RESULT 1124  
LOCUS AX115658 22 bp DNA linear PAT 11-MAY-2001  
DEFINITION Sequence 781 from Patent WO0129262.  
ACCESSION AX115658  
VERSION AX115658.1 GI:14032600  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Picoult-Newburg,L. and Pohl,M.  
TITLE Genotyping reagents, kits and methods of use thereof  
JOURNAL Patent: WO 0129262-A 781 26-APR-2001;  
FEATURES location/Qualifiers  
source 1..22  
/organism="synthetic construct"  
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/db\_xref="taxon:32630"

/note="Primer"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
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Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1877 GAGTGAGAGGAGCTGC 1892  
DB 5 GAGTGAGAGGAGCTGC 20

RESULT 1125  
LOCUS AX710954 22 bp RNA linear PAT 11-APR-2003  
DEFINITION Sequence 254 from Patent EP1288296.  
ACCESSION AX710954  
VERSION AX710954.1 GI:29787335  
KEYWORDS  
SOURCE Human herpesvirus 5  
ORGANISM Human herpesvirus 5  
REFERENCE 1  
AUTHORS Draper,K.G., McSwiggan,J.A., Holecck,J.J., Dudycz,L.W., Macejak,D.G. and Mamone,J.A.  
TITLE Method and reagent for inhibiting HBV viral replication  
JOURNAL Patent: EP 1288296-A 254 05-MAR-2003;  
FEATURES RIBOZYME PHARMACEUTICALS, INC. (US)  
source Location/Qualifiers  
1..22  
/organism="Human herpesvirus 5"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:10359"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1501 AGGATGGTCTGAGGA 1516  
DB 3 AGGATGGTCTGAGGA 18

RESULT 1126  
LOCUS AX776550/c 22 bp DNA linear PAT 14-JUL-2003  
DEFINITION Sequence 37 from Patent WO03048768.  
ACCESSION AX776550  
VERSION AX776550.1 GI:32694089  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Bouleil,J.M., Godber,B.L., Hart,D.J. and Blackburn,J.D.  
TITLE Arrays  
JOURNAL Patent: WO 03048768-A 37 12-JUN-2003;  
FEATURES SENSE PROTEOMIC LIMITED (GB)  
source Location/Qualifiers  
1..22  
/organism="synthetic construct"  
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/note="Primer"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2552 CCGTGGACGCTGGTG 2567  
DB 16 CCGTGGACGCTGGTG 1

RESULT 1127  
BD001095  
LOCUS BD001095 22 bp RNA linear PAT 31-JAN-2002  
DEFINITION Method and reagent for inhibiting viral replication.  
ACCESSION BD001095.1 GI:18625654  
VERSION JP 2000342285-A/255.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Draper,K.G., Dadykcz,L.W., Macswigen,J.A., Maysejak,D.G.,  
TITLE Method and reagent for inhibiting viral replication  
JOURNAL Patent: JP 2000342285-A 255 12-DEC-2000;  
RIBOZYME PHARMACEUTICALS INC  
COMMENT OS Artificial Sequence  
PN JP 2000342285-A/255  
PD 12-DEC-2000  
PR 11-MAY-1992 US 07/882689,14-MAY-1992 US 07/882712 PR  
14-MAY-1992 US 07/882713,14-MAY-1992 US 07/882714 PR  
14-MAY-1992 US 07/882823,14-MAY-1992 US 07/882824 PR  
14-MAY-1992 US 07/882866,14-MAY-1992 US 07/882868 PR  
14-MAY-1992 US 07/882889,14-MAY-1992 US 07/882921 PR  
14-MAY-1992 US 07/882922,14-MAY-1992 US 07/883823 PR  
14-MAY-1992 US 07/883849,14-MAY-1992 US 07/884073 PR  
14-MAY-1992 US 07/884074,14-MAY-1992 US 07/884333 PR  
14-MAY-1992 US 07/884422,14-MAY-1992 US 07/884431 PR  
14-MAY-1992 US 07/884436,14-MAY-1992 US 07/884521 PR  
31-JUL-1992 US 07/923738,26-AUG-1992 US 07/935854 PR  
26-AUG-1992 US 07/936086,18-SEP-1992 US 07/948359 PR  
15-OCT-1992 US 07/963322,07-DEC-1992 US 07/987129 PR  
07-DEC-1992 US 07/987130,07-DEC-1992 US 07/987133 PR  
KENNETH G DRAPER, LEC W DADYKCTZ, JAMES A MACSWIGEN, PI DENNIS G  
MAYSEJAK,  
PI JAMES J HOLESEK, ANTHONY J MAMONE  
PC C12N15/09, C12N5/10, C12N7/00, C12N9/22, (C12N5/10, C12R1.91), PC  
C12N15/00,  
PC C12N5/00, (C12N5/00, C12R1.91)  
CC  
FH Key 1. .22 Location/Qualifiers  
FT source /organism='Artificial Sequence'.  
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1. .22 Location/Qualifiers  
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/db\_xref="taxon:32630"  
Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1501 AGGATGGTCTGAGGA 1516  
Db 3 AGGATGGTCTGAGGA 18  
RESULT 1128  
BD001524  
LOCUS BD001524 22 bp RNA linear PAT 31-JAN-2002  
DEFINITION Method and reagent for inhibiting viral replication.  
ACCESSION BD001524.1 GI:18626083  
VERSION JP 2000342286-A/255.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Draper,K.G., Dadykcz,L.W., Macswigen,J.A., Maysejak,D.G.,  
TITLE Method and reagent for inhibiting viral replication.  
JOURNAL Patent: JP 2000342286-A 255 12-DEC-2000;  
RIBOZYME PHARMACEUTICALS INC  
COMMENT OS Artificial Sequence  
PN JP 2000342286-A/255  
PD 12-DEC-2000  
PR 11-MAY-1992 US 07/882689,14-MAY-1992 US 07/882712 PR  
14-MAY-1992 US 07/882713,14-MAY-1992 US 07/882714 PR  
14-MAY-1992 US 07/882823,14-MAY-1992 US 07/882824 PR  
14-MAY-1992 US 07/882866,14-MAY-1992 US 07/882868 PR  
14-MAY-1992 US 07/882889,14-MAY-1992 US 07/882921 PR  
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14-MAY-1992 US 07/883849,14-MAY-1992 US 07/884073 PR  
14-MAY-1992 US 07/884074,14-MAY-1992 US 07/884333 PR  
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14-MAY-1992 US 07/884436,14-MAY-1992 US 07/884521 PR  
31-JUL-1992 US 07/923738,26-AUG-1992 US 07/935854 PR  
26-AUG-1992 US 07/936086,18-SEP-1992 US 07/948359 PR  
15-OCT-1992 US 07/963322,07-DEC-1992 US 07/987129 PR  
07-DEC-1992 US 07/987130,07-DEC-1992 US 07/987133 PR  
KENNETH G DRAPER, LEC W DADYKCTZ, JAMES A MACSWIGEN, PI DENNIS G  
MAYSEJAK,  
PI JAMES J HOLESEK, ANTHONY J MAMONE  
PC C12N15/09, C12N5/10, C12N7/00, C12N9/22, (C12N5/10, C12R1.91), PC  
C12N15/00,  
PC C12N5/00, (C12N5/00, C12R1.91)  
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/db\_xref="taxon:32630"

TITLE  
JOURNAL Method and reagent for inhibiting viral replication  
PATENT: JP 2000342286-A 255 12-DEC-2000;  
RIBOZYME PHARMACEUTICALS INC  
COMMENT OS Artificial Sequence  
PN JP 2000342286-A/255  
PD 12-DEC-2000  
PR 11-MAY-1992 US 07/882689,14-MAY-1992 US 07/882712 PR  
14-MAY-1992 US 07/882713,14-MAY-1992 US 07/882714 PR  
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31-JUL-1992 US 07/923738,26-AUG-1992 US 07/935854 PR  
26-AUG-1992 US 07/936086,18-SEP-1992 US 07/948359 PR  
15-OCT-1992 US 07/963322,07-DEC-1992 US 07/987129 PR  
07-DEC-1992 US 07/987130,07-DEC-1992 US 07/987133 PR  
KENNETH G DRAPER, LEC W DADYKCTZ, JAMES A MACSWIGEN, PI DENNIS G  
MAYSEJAK,  
PI JAMES J HOLESEK, ANTHONY J MAMONE  
PC C12N15/09, C12N5/10, C12N7/00, C12N9/22, (C12N5/10, C12R1.91), PC  
C12N15/00,  
PC C12N5/00, (C12N5/00, C12R1.91)  
CC  
FH Key 1. .22 Location/Qualifiers  
FT source /organism='Artificial Sequence'.  
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1. .22 Location/Qualifiers  
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/mol\_type="genomic RNA"  
/db\_xref="taxon:32630"  
Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1501 AGGATGGTCTGAGGA 1516  
Db 3 AGGATGGTCTGAGGA 18  
RESULT 1129  
BD016467  
LOCUS BD016467 22 bp DNA linear PAT 27-AUG-2002  
DEFINITION Method for regulating telomeric length.  
ACCESSION BD016467  
VERSION BD016467.1 GI:22557643  
KEYWORDS JP 2001231567-A/8.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Ota,K. and Shibata,T.  
TITLE Method for regulating telomeric length  
JOURNAL Patent: JP 2001231567-A 8 28-AUG-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, JAPAN SCIENCE AND  
TECHNOLOGY CORP  
COMMENT OS Artificial Sequence  
PN JP 2001231567-A/8  
PD 28-AUG-2001 JP 2000041929  
PF 18-FEB-2000 JP 2000041929  
PI KUNIKAZU OTA, TAKEHIKO SHIBATA  
PC C12N15/09, A61K35/76, A61K38/00, A61K48/00, A61P35/00, A61P43/00,  
C07H21/00,

PC C07K14/395,C12N9/16,C12N15/00,A61K37/02  
CC Description of Artificial Sequence:synthetic DNA FH Key  
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Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2496 GGGATGAGTACACT 2511  
1 GGGATGAGTACACT 16

Db

RESULT 1130

BD082943 22 bp DNA linear PAT 27-AUG-2002  
LOCUS BD082943  
DEFINITION Oxygen-tolerant gene and protein encoded by the gene.  
ACCESSION BD082943  
VERSION BD082943.1 GI:22628553  
KEYWORDS JP 2001327292-A/3.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
1 (bases 1 to 22)

REFERENCE  
AUTHORS Kamio,Y.  
TITLE Oxygen-tolerant gene and protein encoded by the gene  
JOURNAL Patent: JP 2001327292-A 3 27-NOV-2001;  
MEIJI MILK PRODUCTS CO LTD  
OS Artificial Sequence  
PN JP 2001327292-A/3  
PD 27-NOV-2001 JP 2000150553  
PF 22-MAY-2000 JP 2000150553  
PI YOSHITADA KAMIO  
PC C12N15/09,C07K14/315,C07K16/12,C12N1/21/(C12N15/09,C12R1:46),  
PC (C12N1/21,C12R1:225),(C12N1/21,C12R1:01),C12N15/00,(C12N15/00,  
PC C12R1:46)  
CC Description of Artificial Sequence:Artificially Synthesized CC  
Primer Sequence  
FH Key  
Location/Qualifiers  
1..22  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

FEATURES  
source 1..22  
Location/Qualifiers  
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/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3810 AAGAGCCAGGAGC 3825  
7 AAGAGCCAGGAGC 22

Db

RESULT 1131

BD090103 22 bp DNA linear PAT 27-AUG-2002  
LOCUS BD090103  
DEFINITION A method of arraying genome clone.  
ACCESSION BD090103  
VERSION BD090103.1 GI:22635713  
KEYWORDS JP 2001321190-A/2347.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
1 (bases 1 to 22)

REFERENCE  
AUTHORS Soeda,E.  
TITLE A method of arraying genome clone  
JOURNAL Patent: JP 2001321190-A 2347 20-NOV-2001;

THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA  
GENOTECHS  
OS Artificial Sequence  
PN JP 2001321190-A/2347  
PD 20-NOV-2001  
PF 12-MAR-2001 JP 2001068285  
PI EITCHI SOEDA  
PC C12N15/09,C12N15/00,C12M1/00,C12O1/68,G01N33/53,G01N33/566, PC  
C12N15/00,  
PC C12N15/00  
CC Description of Artificial Sequence:synthetic DNA FH Key  
Location/Qualifiers  
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FT source 1..22  
Location/Qualifiers  
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/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2496 GGGATGAGTACACT 2511  
1 GGGATGAGTACACT 16

Db

RESULT 1132

BD097544 22 bp DNA linear PAT 27-AUG-2002  
LOCUS BD097544  
DEFINITION Method for regulating telomeric length.  
ACCESSION BD097544  
VERSION BD097544.1 GI:22643118  
KEYWORDS WO 0160996-A/8.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
1 (bases 1 to 22)

REFERENCE  
AUTHORS Ota,K. and Shibata,T.  
TITLE Method for regulating telomeric length  
JOURNAL Patent: WO 0160996-A 8 23-AUG-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, JAPAN SCIENCE AND  
TECHNOLOGY CORP, KUNIHIRO OTA, TAKEHIKO SHIBATA  
OS Artificial Sequence  
PN WO 0160996-A/8  
PD 23-AUG-2001  
PF 14-FEB-2001 WO 2001JP001024  
PI 18-FEB-2000 JP 00P 41929  
PC KUNIHIRO OTA, TAKEHIKO SHIBATA  
PC C12N15/09,A61K35/76,A61K38/00,A61K48/00,A61P35/00,A61P43/00,  
PC C07H21/00,  
PC C07K14/395,C12N9/16  
CC Description of Artificial Sequence:synthetic DNA FH Key  
Location/Qualifiers  
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FT source 1..20  
Location/Qualifiers  
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/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2496 GGGATGAGTACACT 2511  
1 GGGATGAGTACACT 16

Db



RESULT 1133  
BD103831  
LOCUS  
DEFINITION A method for detecting and quantitating human P450 molecular  
species and a probe and a kit therefor.  
BD103831  
ACCESSION  
BD103831.1 GI:22649405  
VERSION  
MO 0192538-A/88.  
KEYWORDS  
unidentified  
SOURCE  
ORGANISM  
unclassified.  
REFERENCE  
1 (bases 1 to 22)  
Nishimura,M., Yaguchi,H., Naito,S. and Hiraoka,I.  
A method for detecting and quantitating human P450 molecular  
species and a probe and a kit therefor  
Patent: WO 0192538-A 88 06-DEC-2001;  
OTSUKA PHARMACEUTICAL FACTORY INC,MASUHIRO NISHIMURA, HIROSHI  
YAGUCHI, SHINSAKU NAITO, ISAO HIRAOKA  
OS Human P450 CYP17 gene  
PN WO 0192538-A/88  
PD 06-DEC-2001  
PR 30-MAY-2001 WO 2001JP004544  
PI MASUHIRO NISHIMURA, HIROSHI YAGUCHI, SHINSAKU NAITO, ISAO HIRAOKA  
PC C12N15/53.C12Q1/68  
CC A method for detecting and quantitating human P450 molecular  
species and a  
CC prove and a kit therefor  
FH key Location/Qualifiers  
FT source 1..22  
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source 1..22  
Location/Qualifiers  
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/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1878 AGTGAAGAAGAGTGGC 1893  
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5 AATGAGAAGAGTGGC 20

Db 5 AATGAGAAGAGTGGC 20

RESULT 1134  
ATH524982  
LOCUS  
DEFINITION 22 bp DNA linear PLN 29-MAR-2003  
Arabidopsis thaliana T-DNA flanking sequence, left border, clone  
086B08  
ACCESSION  
ATH524982  
VERSION  
ATH524982.1 GI:26793218  
KEYWORDS  
left border; T-DNA flanking sequence.  
SOURCE  
Arabidopsis thaliana (thale cress)  
ORGANISM  
Arabidopsis thaliana  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;  
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.

1  
Brunaud,V., Balzerque,S., Dubreucq,B., Aubourg,S., Samson,F.,  
Chauvin,S., Bechtold,N., Cruaud,C., Dehose,R., Pelletier,G.,  
Lepointec,L., Caboche,M. and Lecharny,A.  
T-DNA integration into the Arabidopsis genome depends on sequences  
of pre-insertion sites  
EMBO Rep. 3 (12), 1152-1157 (2002)  
JOURNAL  
MEDLINE  
2363535  
12446565  
2 (bases 1 to 22)  
Balzerque,S.  
Direct Submission  
Submitted (21-NOV-2002) Balzerque S., UMRGV, INRA/CNRS, 2 rue  
Gaston Cremieux, 91057 Evry cedex, FRANCE

COMMENT  
PCR was performed on DNA from transformants of Arabidopsis thaliana  
plants from INRA (Versailles). The DNA fragment(s) resulting from  
the PCR were directly sequenced from the left or the right border  
to determine the genomic sequence flanking the insertion. T-DNA  
derived sequences were removed. Information to order the  
corresponding mutant line and a link to a database providing a  
graphical display of the insertion site are available at  
<http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has  
been generated in the framework of the French plant genomics  
program "Genoplante" (<http://www.genoplante.com> and  
<http://genoplante-info.inbio.gen.fr>).  
Location/Qualifiers  
1..22  
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/clone="086B08"  
/clone\_1b="Arabidopsis thaliana T-DNA insertion lines"  
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/note="T-DNA flanking sequence  
left border"

misc\_feature 1..22  
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left border"

Query Match 0.3%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CAATGAAGATGATPAA 698  
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5 CAATGAAGATGATPAA 20

Db 5 CAATGAAGATGATPAA 20

RESULT 1135  
ATH525002  
LOCUS  
DEFINITION 22 bp DNA linear PLN 29-MAR-2003  
Arabidopsis thaliana T-DNA flanking sequence, left border, clone  
086E04.  
ACCESSION  
ATH525002  
VERSION  
ATH525002.1 GI:26793238  
KEYWORDS  
left border; T-DNA flanking sequence.  
SOURCE  
Arabidopsis thaliana (thale cress)  
ORGANISM  
Arabidopsis thaliana  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;  
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.

1  
Brunaud,V., Balzerque,S., Dubreucq,B., Aubourg,S., Samson,F.,  
Chauvin,S., Bechtold,N., Cruaud,C., Dehose,R., Pelletier,G.,  
Lepointec,L., Caboche,M. and Lecharny,A.  
T-DNA integration into the Arabidopsis genome depends on sequences  
of pre-insertion sites  
EMBO Rep. 3 (12), 1152-1157 (2002)  
JOURNAL  
MEDLINE  
2363535  
12446565  
2 (bases 1 to 22)  
Balzerque,S.  
Direct Submission  
Submitted (21-NOV-2002) Balzerque S., UMRGV, INRA/CNRS, 2 rue  
Gaston Cremieux, 91057 Evry cedex, FRANCE  
PCR was performed on DNA from transformants of Arabidopsis thaliana  
plants from INRA (Versailles). The DNA fragment(s) resulting from  
the PCR were directly sequenced from the left or the right border  
to determine the genomic sequence flanking the insertion. T-DNA  
derived sequences were removed. Information to order the  
corresponding mutant line and a link to a database providing a  
graphical display of the insertion site are available at  
<http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has  
been generated in the framework of the French plant genomics  
program "Genoplante" (<http://www.genoplante.com> and  
<http://genoplante-info.inbio.gen.fr>).  
Location/Qualifiers  
1..22  
/organism="Arabidopsis thaliana"

FEATURES  
source 1..22  
/organism="Arabidopsis thaliana"



Matches 21; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Oy 4410 ATAGTATATATATATATATATATG 4441  
Db 32 ACATTATATATATATATATATATTTG 1

RESULT 1140  
LOCUS A4134 19 bp DNA linear PAT 06-MAR-1997  
DEFINITION Sequence 20 from Patent WO9505481.  
ACCESSION A4134  
VERSION A4134.1 GI:2298522  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Cookson,W.O., Hopkin,J.M. and Shirakawa,T.  
TITLE DIAGNOSTIC METHOD AND THERAPY  
JOURNAL Patent: WO 9505481-A 20 23-FEB-1995;  
ISIS INNOVATION (GB)  
FEATURES  
Source 1. .19  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 3496 TGGGAGAGACGACGCGA 3514  
Db 19 TGGGAGAGACTCAAGGA 1

RESULT 1141  
LOCUS AR003800/c 19 bp DNA linear PAT 04-DEC-1998  
DEFINITION Sequence 92 from patent US 5744580.  
ACCESSION AR003800  
VERSION AR003800.1 GI:3965059  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Better,M.D., Carroll,S.F. and Studnicka,G.M.  
TITLE Immunotoxins comprising ribosome-inactivating proteins  
JOURNAL Patent: US 5744580-A 92 28-APR-1998;  
FEATURES  
Source 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2527 ACCGAGTCCTCTGGAAGTC 2545  
Db 19 ACTGAGTCATCTGATGTC 1

RESULT 1142  
LOCUS AR010136/c 19 bp DNA linear PAT 04-DEC-1998  
DEFINITION Sequence 92 from patent US 5756699.  
ACCESSION AR010136  
VERSION AR010136.1 GI:3968941  
KEYWORDS  
SOURCE Unknown.

ORGANISM Unknown.  
Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Better,M.D., Carroll,S.F. and Studnicka,G.M.  
TITLE Immunotoxins comprising ribosome-inactivating proteins  
JOURNAL Patent: US 5756699-A 92 26-MAY-1998;  
FEATURES  
Source 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2527 ACCGAGTCCTCTGGAAGTC 2545  
Db 19 ACTGAGTCATCTGATGTC 1

RESULT 1143  
LOCUS AR034696/c 19 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 66 from patent US 5869619.  
ACCESSION AR034696  
VERSION AR034696.1 GI:5950301  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Studnicka,G.M.  
TITLE Modified antibody variable domains  
JOURNAL Patent: US 5869619-A 66 09-FEB-1999;  
FEATURES  
Source 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2527 ACCGAGTCCTCTGGAAGTC 2545  
Db 19 ACTGAGTCATCTGATGTC 1

RESULT 1144  
LOCUS AR035569 19 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 3 from patent US 5871919.  
ACCESSION AR035569  
VERSION AR035569.1 GI:5952237  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Brant,S.R., Yun,C., Donowitz,M. and Tse,C.-M.  
TITLE Method of identifying agents that affect human NHE3  
JOURNAL Patent: US 5871919-A 3 16-FEB-1999;  
FEATURES  
Source 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1730 CATCGCACCTGGAACATG 1748  
Db 19 CATCGCACCTGGAACATG 1

Db 1 CATCTGGACCTGGAAACAG 19

RESULT 1145  
LOCUS AR055342/c 19 bp DNA PAT 29-SEP-1999  
DEFINITION Sequence 92 from patent US 5837491.  
ACCESSION AR055342  
VERSION AR055342.1 GI:5980919  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Better,M.D., Carroll,S.F. and Studnicka,G.M.  
TITLE Polynucleotides encoding gelonin sequences  
JOURNAL Patent: US 5837491-A 92 17-NOV-1998;  
FEATURES  
Source 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2527 ACCGAGTCTCTGGAAGTC 2545  
Db 19 ACTGAGTCATCTGGATGTC 1

RESULT 1146  
LOCUS AR073809/c 19 bp DNA PAT 28-AUG-2000  
DEFINITION Sequence 8 from patent US 5952202.  
ACCESSION AR073809  
VERSION AR073809.1 GI:10000569  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Aoyagi,K. and Livak,K.J.  
TITLE Methods using exogenous, internal controls and analogue blocks  
JOURNAL Patent: US 5952202-A 8 14-SEP-1999;  
FEATURES  
Source 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3640 GGAAGAAACCCCGCCCTG 3658  
Db 19 GCAAGGAACCCCGCTCTG 1

RESULT 1147  
LOCUS AR083083 19 bp DNA PAT 01-SEP-2000  
DEFINITION Sequence 9 from patent US 5976800.  
ACCESSION AR083083  
VERSION AR083083.1 GI:10009873  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Lau,A.S. and Yeung,M.C.  
TITLE Enhancement of cancer cell death

JOURNAL Patent: US 5976800-A 9 02-NOV-1999;  
FEATURES  
Source 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1883 GAAGAGTGGCTGGAGATC 1901  
Db 1 GAAGAAATGCTGGTATC 19

RESULT 1148  
LOCUS AR083084 19 bp DNA PAT 01-SEP-2000  
DEFINITION Sequence 10 from patent US 5976800.  
ACCESSION AR083084  
VERSION AR083084.1 GI:10009874  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Lau,A.S. and Yeung,M.C.  
TITLE Enhancement of cancer cell death  
JOURNAL Patent: US 5976800-A 10 02-NOV-1999;  
FEATURES  
Source 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1883 GAAGAGTGGCTGGAGATC 1901  
Db 19 GAAGAAATGCTGGTATC 1

RESULT 1149  
LOCUS AR141271/c 19 bp DNA PAT 08-AUG-2001  
DEFINITION Sequence 92 from patent US 6146631.  
ACCESSION AR141271  
VERSION AR141271.1 GI:15100788  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Better,M.D., Carroll,S.F. and Studnicka,G.M.  
TITLE Immunotoxins comprising ribosome-inactivating proteins  
JOURNAL Patent: US 6146631-A 92 14-NOV-2000;  
FEATURES  
Source 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2527 ACCGAGTCTCTGGAAGTC 2545  
Db 19 ACTGAGTCATCTGGATGTC 1

RESULT 1150  
LOCUS AR141508/c

LOCUS ARI41508 19 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 92 from patent US 6146850.  
ACCESSION ARI41508  
VERSION ARI41508.1 GI:15101024  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Better,M.D. and Carroll,S.F.  
TITLE Proteins encoding gelonin sequences  
JOURNAL Patent: US 6146850-A 92 14-NOV-2000;  
FEATURES  
source 1..19  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2527 ACCGAGTCCTCGAAGTC 2545  
DB 19 ACTGAGTCATCTGGATGTC 1  
RESULT 1151  
ARI4250/c ARI54250 19 bp DNA linear PAT 08-AUG-2001  
LOCUS ARI54250  
DEFINITION Sequence 5 from patent US 6238876.  
ACCESSION ARI54250  
VERSION ARI54250.1 GI:15122303  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Altaba,A,Ruiz,I.  
TITLE Methods and materials for the diagnosis and treatment of sporadic  
JOURNAL basal cell carcinoma  
PATent: US 6238876-A 5 29-MAY-2001;  
FEATURES  
source 1..19  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1886 GGAGTGGCTGGAGATCCTC 1904  
DB 19 GGAGTTCCTGGAGATCTTC 1  
RESULT 1152  
BD185759/c BD185759 19 bp DNA linear PAT 17-JUN-2003  
LOCUS BD185759  
DEFINITION Method and reagent for detecting increased risk to develop  
inflammatory disorder.  
ACCESSION BD185759  
VERSION BD185759.1 GI:11877959  
KEYWORDS JP 2002345500-A/5.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Hall,S.K., Milos,P.M. and Seymour,A.B.  
TITLE Method and reagent for detecting increased risk to develop  
JOURNAL inflammatory disorder  
PATent: JP 2002345500-A 5 03-DEC-2002;  
PRIZER PRODUCTS INC

COMMENT OS Homo sapiens (human)  
PN JP 2002345500-A/5  
PD 03-DEC-2002  
PF 19-DEC-2001 JP 2001385492  
PR 22-DEC-2000 US 60/258034  
PI STEPHANIE KATHRYN HALL, PATRICE MARIE MILOS, ALBERT BARNES PI  
SEYMOUR  
PC C12Q1/68, C12N15/09, C12N15/00  
CC Method and reagent for detecting increased risk to develop  
inflammatory  
CC disorder  
FH key Location/Qualifiers  
FT source 1..19  
/organism="Homo sapiens (human)"  
/db\_xref="taxon:9606"  
FEATURES  
source 1..19  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1591 TGGAAACAGAGAGAGAA 1609  
DB 19 TGAACACAGCAGGAGAGAA 1  
RESULT 1153  
BD196820 BD196820 19 bp DNA linear PAT 17-JUN-2003  
LOCUS BD196820  
DEFINITION Prostatic cancer gene.  
ACCESSION BD196820  
VERSION BD196820.1 GI:33006590  
KEYWORDS JP 2002516657-A/409.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Cohen,D., Blumenfeld,M., Chumakov,I. and Bougueleret,L.  
TITLE Prostatic cancer gene  
JOURNAL Patent: JP 2002516657-A 409 11-JUN-2002;  
GENEST  
COMMENT OS Homo sapiens (human)  
PN JP 2002516657-A/409  
PD 11-JUN-2002  
PF 22-DEC-1998 JP 2000525562  
PR 22-DEC-1997 US 08/896306, 09-SEP-1998 US 60/099658 PI  
DANIEL COHEN, MARTA BLUMENFELD, ILYA CHUMAKOV, LYDIE BOUGUELERET PC  
C12N15/09, C12N15/09, A01K67/027, C07K14/47, C07K16/18, C12N1/15, PC  
C12N1/19,  
PC C12N1/21, C12N5/10, C12N5/10, C12P21/08, C12Q1/68, G01N33/50 PC  
C12N15/00, C12N5/00,  
PC C12N5/00, C12N15/00  
CC potential microsequencing oligo for 4-38-63.misl FH Key  
CC Location/Qualifiers  
FT primer bind 1..19.  
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source 1..19  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2145 AGTGAAGAAGAACTCAGGC 2163  
DB 1 AGTATTAAGAAGAAATCAGGC 19

RESULT 1154  
BD251487 19 bp DNA linear PAT 17-JUL-2003  
LOCUS Selection of animal based on character imprinted by parent.  
DEFINITION BD251487.1 GI:33061257  
ACCESSION JP 2002535963-A/7.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (base 1 to 19)  
AUTHORS Anderson, L., Georges, M., Spincemalle, G. and Nezer, C.D.A.  
TITLE Selection of animal based on character imprinted by parent  
JOURNAL Patent: JP 2002535963-A 7 29-OCT-2002;  
UNIVERSITY OF LIEGE, MELICA HB, SEGHERS GENETEC NV  
COMMENT OS Artificial Sequence  
PN JP 2002535963-A/7  
PD 29-OCT-2002  
PE 16-DEC-1999 JP 2000588390  
PR 16-DEC-1999 EP 98204291.3  
PI LEIF ANDERSSON MICHEL GEORGES, GEERT SPINCEMALLE, PI CARINE  
DANIELLE ANDRE NEZER  
PC C12N15/09, A01K67/027, C12N5/06, C12Q1/68, C12N15/00, C12N5/00 CC  
Description of Artificial Sequence: primer  
FH Key Location/Qualifiers  
FT 1..19  
source /organism='Artificial Sequence'.  
FEATURES  
source 1..19  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 877 CACCCGAGTGTCCCGCAG 895  
DB 1 CGCCCGAGTGTCCCGCAG 19

RESULT 1155  
CQ776061 19 bp DNA linear PAT 11-MAR-2004  
LOCUS Sequence 8 from Patent EP1394268.  
DEFINITION CQ776061  
ACCESSION CQ776061.1 GI:45379483  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Jeanman-Rosel, J., Laurent-Puig, P., Bluteau, O., Bioulac-Sage, P.,  
Jumot, E., Marques, J.M. and Balabaud, C.  
TITLE HNF1alpha as a tumor suppressor gene, and diagnostic and  
therapeutic applications thereof  
JOURNAL Patent: EP 1394268-A 8 03-MAR-2004;  
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)  
(FR)  
FEATURES  
source 1..19  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: PCR primer"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2297 CTGGAGGAGGAACCATC 2315

Db 1 CTGGAGGAGGAACCATC 19  
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RESULT 1156  
CQ779502 19 bp DNA linear PAT 16-MAR-2004  
LOCUS Sequence 8 from Patent WO2004016813.  
DEFINITION CQ779502  
ACCESSION CQ779502  
VERSION CQ779502.1 GI:45535564  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Jeanman-Rosel, J., Laurent-Puig, P., Bluteau, O., Bioulac-Sage, P.,  
Jumot, E., Marques, J.M. and Balabaud, C.  
TITLE Hnf1 alpha as a tumor suppressor gene, and diagnostic and  
therapeutic applications thereof  
JOURNAL Patent: WO 2004016813-A 8 26-FEB-2004;  
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)  
(FR)  
FEATURES  
source 1..19  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: PCR primer"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 810 CCGTGTCCGCTGGAGAG 828  
DB 1 CGTGTCTGTGTGGGAG 19  
|||||

RESULT 1158  
I11983 19 bp DNA linear PAT 26-JUL-1995  
LOCUS Sequence 95 from Patent US 5416202.  
DEFINITION

Db 1 CTGGAGGAGGAACCATC 19  
|||||

RESULT 1157  
CQ812858 19 bp DNA linear PAT 24-MAY-2004  
LOCUS Sequence 10 from Patent WO2004039839.  
DEFINITION CQ812858  
ACCESSION CQ812858  
VERSION CQ812858.1 GI:47602257  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Becker, C.M., Brill, J. and Becker, K.  
TITLE Modified voltage-gated calcium channels  
JOURNAL Patent: WO 2004039839-A 10 13-MAY-2004;  
Friedrich-Alexander-Universitaet Erlangen-Nuernberg (DE)  
FEATURES  
source 1..19  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 810 CCGTGTCCGCTGGAGAG 828  
DB 1 CGTGTCTGTGTGGGAG 19  
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RESULT 1158  
I11983 19 bp DNA linear PAT 26-JUL-1995  
LOCUS Sequence 95 from Patent US 5416202.  
DEFINITION

ACCESSION 111983  
VERSION 111983.1 GI:909426  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Bernhard, S.L., Better, M.D., Carroll, S.F., Lane, J.A. and lei, S.-P.  
TITLE Materials comprising and methods of preparation and use for  
ribosome-inactivating proteins  
JOURNAL Patent: US 5416202-A 95 16-MAY-1995;  
FEATURES  
source 1..19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2527 ACCGAGTCCTCGAGATC 2545  
Db 19 ACTGATCATCTCGATGTC 1

RESULT 1159  
LOCUS 114249 19 bp DNA linear PAT 26-SEP-1995  
DEFINITION Sequence 46 from patent US 5447839.  
ACCESSION 114249  
VERSION 114249.1 GI:997264  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Manos, M.Michele., Bauer, H.M., Greer, C.E., Resnick, R.M. and Ting, Y.  
TITLE Detection of human papillomavirus by the polymerase chain reaction  
JOURNAL Patent: US 5447839-A 96 05-SEP-1995;  
FEATURES  
source 1..19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4868 CAAGCCTGTGCCAGGTTTC 4886  
Db 1 CAATCTGTGCCAGGTAC 19

RESULT 1160  
LOCUS 114542 19 bp DNA linear PAT 26-SEP-1995  
DEFINITION Sequence 19 from patent US 5451512.  
ACCESSION 114542  
VERSION 114542.1 GI:997025  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Apple, R.D., Bugawan, T.L. and Erlich, H.A.  
TITLE Methods and reagents for HLA class I A locus DNA typing  
JOURNAL Patent: US 5451512-A 19 19-SEP-1995;  
FEATURES  
source 1..19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2728 TGAAGACCAAGTCCAGAC 2746  
Db 19 TGAAGGCCAGTCCAGAC 1

RESULT 1161  
LOCUS 122712 19 bp DNA linear PAT 07-OCT-1996  
DEFINITION Sequence 200 from patent US 5527898.  
ACCESSION 122712  
VERSION 122712.1 GI:1603066  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Bauer, H.M., Gravit, P.E., Greer, C.E., Manos, M.Michele.,  
Resnick, R.M. and Zhang, T.Y.  
TITLE Detection of human papillomavirus by the polymerase chain reaction  
JOURNAL Patent: US 5527898-A 200 18-JUN-1996;  
FEATURES  
source 1..19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4868 CAAGCCTGTGCCAGGTTTC 4886  
Db 1 CAATCTGTGCCAGGTAC 19

RESULT 1162  
LOCUS 140553 19 bp DNA linear PAT 13-MAY-1997  
DEFINITION Sequence 92 from patent US 5621083.  
ACCESSION 140553  
VERSION 140553.1 GI:2082845  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Better, M.D., Carroll, S.F. and Studnicka, G.M.  
TITLE Immunotoxins comprising ribosome-inactivating proteins  
JOURNAL Patent: US 5621083-A 92 15-APR-1997;  
FEATURES  
source 1..19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2527 ACCGAGTCCTCGAGATC 2545  
Db 19 ACTGATCATCTCGATGTC 1

RESULT 1163  
LOCUS 140556 19 bp DNA linear PAT 13-MAY-1997  
DEFINITION Sequence 95 from patent US 5621083.  
ACCESSION 140556  
VERSION 140556.1 GI:2082848  
KEYWORDS  
SOURCE Unknown.





AUTHORS Mak, P. and Karathanasis, S. K.  
TITLE Mechanism based screen for retinoid X receptor agonists and  
antagonists

JOURNAL Patent: US 5700682-A 6 23-DEC-1997;  
FEATURES Location/Qualifiers  
source 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3305 CTTGCCCCGACGAGC 3323  
DB 1 CTTGACCCCTGCGGCG 19

RESULT 1169  
AR295279/c

LOCUS AR295279 19 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 7014 from patent US 6537751.  
ACCESSION AR295279  
VERSION AR295279.1 GI:31682563  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 19)  
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 7014 25-MAR-2003;  
FEATURES Location/Qualifiers  
source 1. .19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 278 CTTCTCTCTCTCTCTT 296  
DB 19 CTTCTCTCTCTCTTCTT 1

RESULT 1170  
AR296773/c

LOCUS AR296773 19 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 8508 from patent US 6537751.  
ACCESSION AR296773  
VERSION AR296773.1 GI:31684057  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 19)  
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 8508 25-MAR-2003;  
FEATURES Location/Qualifiers  
source 1. .19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1421 GGAGAGTCTCTGGGATT 1439  
||||| ||| |||||

DB 19 GGAGAGTCTCATGGATT 1

RESULT 1171  
AR368037/c

LOCUS AR368037 19 bp DNA linear PAT 12-SEP-2003  
DEFINITION Sequence 92 from patent US 6376217.  
ACCESSION AR368037  
VERSION AR368037.1 GI:34601548  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 19)  
AUTHORS Better, M.D. and Carroll, S.F.  
TITLE Fusion proteins and polynucleotides encoding gelonin sequences  
JOURNAL Patent: US 6376217-A 92 23-APR-2002;  
FEATURES Location/Qualifiers  
source 1. .19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2527 ACCGAGTCTCTGGAATC 2545  
DB 19 ACTGAGTCATCTGGATGTC 1

RESULT 1172  
AR431018/c

LOCUS AR431018 19 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 92 from patent US 6649742.  
ACCESSION AR431018  
VERSION AR431018.1 GI:40192849  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 19)  
AUTHORS Better, M.D., Carroll, S.F. and Studnicka, G.M.  
TITLE Immunotoxins comprising ribosome-inactivating proteins  
JOURNAL Patent: US 6649742-A 92 18-NOV-2003;  
FEATURES Location/Qualifiers  
source 1. .19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2527 ACCGAGTCTCTGGAATC 2545  
DB 19 ACTGAGTCATCTGGATGTC 1

RESULT 1173  
AR451545/c

LOCUS AR451545 19 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 190 from patent US 6673917.  
ACCESSION AR451545  
VERSION AR451545.1 GI:42682570  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 19)  
AUTHORS Korneluk, R.G., LaCasse, E., Baird, S., Holcik, M. and Young, S.  
TITLE Antisense iAP nucleic acids and uses thereof  
JOURNAL Patent: US 6673917-A 190 06-JAN-2004;

FEATURES  
Location/Qualifiers  
1. .19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2167 ACCAACTATATGACAT 2185  
DB 19 ATCTAACCATATGACAT 1

RESULT 1174  
LOCUS AR451570 19 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 215 from patent US 6673917.  
ACCESSION AR451570  
VERSION AR451570.1 GI:42682595  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Korneluk,R.G., LaCasse,E., Baird,S., Holcik,M. and Young,S.  
TITLE Antisense iAP nucleic acids and uses thereof  
JOURNAL Patent: US 6673917-A 215 06-JAN-2004;  
FEATURES Location/Qualifiers  
1. .19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1948 TCGCATCCACACGCTCTG 1966  
DB 19 TCTCCATCTCAGCGCTCG 1

RESULT 1175  
LOCUS AR473745 19 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 5 from patent US 6689584.  
ACCESSION AR473745  
VERSION AR473745.1 GI:42712220  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Jones,M.H.  
TITLE Transcriptional regulatory factor  
JOURNAL Patent: US 6689584-A 5 10-FEB-2004;  
FEATURES Location/Qualifiers  
1. .19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2915 CCTCATCAGCATCAAGTCC 2933  
DB 1 CCTCAGCTGCAACAAGTCC 19

RESULT 1176  
LOCUS AX028188 19 bp DNA linear PAT 16-SEP-2000

DEFINITION Sequence 7 from Patent WO0036143.  
ACCESSION AX028188  
VERSION AX028188.1 GI:1018952  
KEYWORDS  
SOURCE Synthetic construct  
ORGANISM Synthetic construct  
REFERENCE 1  
AUTHORS Georges,M., Spincemalle,G. and Andersson,L.  
TITLE Selecting animals for parentally imprinted traits  
JOURNAL Patent: WO 0036143-A 7 22-JUN-2000  
SPINCEMALLE GEERT (BE); MELICA HB (SE); ANDERSSON LEIF (SE)  
FEATURES Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 877 CACCCGAGCTGCCCCCAG 895  
DB 1 CGCCCGAGCTGCCCCCAG 19

RESULT 1177  
LOCUS AX089269 19 bp DNA linear PAT 21-MAR-2001  
DEFINITION Sequence 8 from Patent WO0116367.  
ACCESSION AX089269  
VERSION AX089269.1 GI:13443614  
KEYWORDS  
SOURCE Escherichia coli  
ORGANISM Escherichia coli  
REFERENCE 1  
AUTHORS Moyagi,K. and Livak,K.J.  
TITLE Methods for exogenous, internal controls during nucleic acid amplification  
JOURNAL Patent: WO 0116367-A 8 08-MAR-2001;  
FEATURES Location/Qualifiers  
1. .19  
/organism="Escherichia coli"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:562"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3640 GGAAGAACCCCGCCCTG 3658  
DB 19 GCAAGAACCCCGCTCTG 1

RESULT 1178  
LOCUS AX116374 19 bp DNA linear PAT 11-MAY-2001  
DEFINITION Sequence 1497 from Patent WO0129262.  
ACCESSION AX116374  
VERSION AX116374.1 GI:14033316  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Picoult-Newburg,L. and Pohl,M.

TITLE Genotyping reagents, kits and methods of use thereof  
JOURNAL Patent: WO 0129262-A 1497 26-APR-2001;  
Orchid Biosciences, Inc. (US)  
FEATURES  
source location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4649 AGGAGCTGAGAGTCTGGG 4667  
Db 1 AGGAGCTGAGAGTCTGGG 19

RESULT 1179  
LOCUS AX130952 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 2170 from Patent WO0130362.  
ACCESSION AX130952  
VERSION AX130952.1 GI:14137257  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE 1  
AUTHORS Robbins, J.M. and Tritz, R.  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases  
JOURNAL Patent: WO 0130362-A 2170 03-MAY-2001;  
IMMUSOL, INC. (US)  
FEATURES  
source location/Qualifiers  
1. .19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Cyclin E ribozyme binding site"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3466 CCAGGACACAGAGTCAG 3484  
Db 19 CCAGGACACAGAGTCAG 19

RESULT 1180  
LOCUS AX131572 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 2790 from Patent WO0130362.  
ACCESSION AX131572  
VERSION AX131572.1 GI:14137877  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE 1  
AUTHORS Robbins, J.M. and Tritz, R.  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases  
JOURNAL Patent: WO 0130362-A 2790 03-MAY-2001;  
IMMUSOL, INC. (US)  
FEATURES  
source location/Qualifiers  
1. .19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"  
/note="Cyclin H ribozyme binding site"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4133 ACTGACCTCTCTCCGCGA 4151  
Db 1 ACTGACCTCTCTCCGCGA 19

RESULT 1181  
LOCUS AX132543 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 3761 from Patent WO0130362.  
ACCESSION AX132543  
VERSION AX132543.1 GI:14138848  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE 1  
AUTHORS Robbins, J.M. and Tritz, R.  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases  
JOURNAL Patent: WO 0130362-A 3761 03-MAY-2001;  
IMMUSOL, INC. (US)  
FEATURES  
source location/Qualifiers  
1. .19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Cdc25 hs ribozyme binding site"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2698 AGATTGAGTTCTCAGGTG 2716  
Db 1 AGATTGAGTTCTCAGGTG 19

RESULT 1182  
LOCUS AX132618 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 3836 from Patent WO0130362.  
ACCESSION AX132618  
VERSION AX132618.1 GI:14138923  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE 1  
AUTHORS Robbins, J.M. and Tritz, R.  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases  
JOURNAL Patent: WO 0130362-A 3836 03-MAY-2001;  
IMMUSOL, INC. (US)  
FEATURES  
source location/Qualifiers  
1. .19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Cdc25 hs ribozyme binding site"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1593 GAAACAGAGAGAGAGAGA 1611  
DB 19 GAAACAGAGAGAGAGAGAGA 1

RESULT 1183  
AX132620/c 19 bp DNA linear PAT 15-MAY-2001  
LOCUS AX132620  
DEFINITION Sequence 3838 from Patent WO0130362.  
ACCESSION AX132620  
VERSION AX132620.1 GI:14186925  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE 1  
AUTHORS Robbins, J.M. and Tritz, R.  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases  
JOURNAL Patent: WO 0130362-A 3838 03-MAY-2001;  
IMMUSOL, INC. (US)  
FEATURES  
source location/Qualifiers  
1..19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Cdc25 he ribozyme binding site"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1590 GTGGAGACAGAGAGAGA 1608  
DB 19 GGGAGAGAGAGAGAGAGA 1

RESULT 1184  
AX233361 19 bp DNA linear PAT 11-SEP-2001  
LOCUS AX233361  
DEFINITION Sequence 4 from Patent WO0162788.  
ACCESSION AX233361  
VERSION AX233361.1 GI:15592695  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Olaveson, M., Lench, N., Allen, M. and Tazi-Ahuni, R.U.  
TITLE Corneodesmosin based test and model for inflammatory disease  
JOURNAL Patent: WO 0162788-A 4 30-AUG-2001;  
Oxagen Limited (GB)  
FEATURES  
source location/Qualifiers  
1..19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4523 GAGCTGAGGCTCTAGCCAC 4541  
DB 1 GAGCTGAGGCTCTAGCCAC 19

RESULT 1185  
AX233458 19 bp DNA linear PAT 11-SEP-2001  
LOCUS AX233458  
DEFINITION Sequence 101 from Patent WO0162788.

ACCESSION AX233458  
VERSION AX233458.1 GI:15592886  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Olaveson, M., Lench, N., Allen, M. and Tazi-Ahuni, R.U.  
TITLE Corneodesmosin based test and model for inflammatory disease  
JOURNAL Patent: WO 0162788-A 101 30-AUG-2001;  
Oxagen Limited (GB)  
FEATURES  
source location/Qualifiers  
1..19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4523 GAGCTGAGGCTCTAGCCAC 4541  
DB 1 GAGCTGAGGCTCTAGCCAC 19

RESULT 1186  
AX297771 19 bp DNA linear PAT 21-NOV-2001  
LOCUS AX297771  
DEFINITION Sequence 9533 from Patent WO0179548.  
ACCESSION AX297771  
VERSION AX297771.1 GI:17059462  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Barany, F., Zivri, M., Gerry, N.P., Favis, R. and Kliman, R.  
TITLE Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction  
JOURNAL Patent: WO 0179548-A 9533 25-OCT-2001;  
CORNELL RESEARCH FOUNDATION, INC. (US)  
FEATURES  
source location/Qualifiers  
1..19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 874 CTCACACGAGCTGCCCC 892  
DB 1 CTCACACGAGCTGCCCC 19

RESULT 1187  
AX378410 19 bp DNA linear PAT 18-MAR-2002  
LOCUS AX378410  
DEFINITION Sequence 199 from Patent WO0206525.  
ACCESSION AX378410  
VERSION AX378410.1 GI:19574263  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE 1  
AUTHORS Cohen, D., Blumenfeld, M., Chumakov, I., Abderrahim, H. and Bihain, B.  
TITLE Obesity associated diallelic marker maps

JOURNAL Patent: WO 0206525-A 199 24-JAN-2002;

GENSET (PR)

FEATURES Location/Qualifiers

source

1..19

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

primer\_bind

1..19

/note="upstream amplification primer 99-48928 for SEQ 28"

Query Match

0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;

QY 524 CTGACCATGCGACATC 542

DB 19 CTGAACTATGCGCATCTC 1

RESULT 1188

AX404065/c

LOCUS AX404065 19 bp DNA linear PAT 14-JUN-2002

DEFINITION Sequence 4 from Patent WO0224937.

ACCESSION AX404065

VERSION AX404065.1 GI:21437386

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1..19

/organism="Corynebacterium glutamicum"

/mol\_type="unassigned DNA"

/db\_xref="taxon:1718"

/note="Primer menb-Int2"

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGCCACAGAAAGCGAGCTG 3002

DB 19 GGCTACAGAAATGCACTG 1

RESULT 1189

AX412090/c

LOCUS AX412090 19 bp DNA linear PAT 14-JUN-2002

DEFINITION Sequence 190 from Patent WO0226968.

ACCESSION AX412090

VERSION AX412090.1 GI:21444555

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1..19

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="based on Homo sapiens"

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;

QY 2167 ACCAAACATATGACAT 2185

DB 19 ATCTAAACCATATGACAT 1

RESULT 1190

AX412115/c

LOCUS AX412115 19 bp DNA linear PAT 14-JUN-2002

DEFINITION Sequence 215 from Patent WO0226968.

ACCESSION AX412115

VERSION AX412115.1 GI:21444580

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1..19

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="based on Homo sapiens"

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;

QY 1948 TCGCATTCACACGCTCTG 1966

DB 19 TCTTCATCTCAGCCTCG 1

RESULT 1191

AX449765/c

LOCUS AX449765 19 bp DNA linear PAT 03-JUL-2002

DEFINITION Sequence 100 from Patent WO0216600.

ACCESSION AX449765

VERSION AX449765.1 GI:21698273

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1..19

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="M13 Reverse SR3"

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;

QY 1512 GAGCACAAGTTCTACAGCC 1530

DB 19 GAGCACAAGGCGCTGACGCC 1

RESULT 1192  
AX463197/c 19 bp DNA linear PAT 15-JUL-2002  
LOCUS AX463197  
DEFINITION Sequence 5 from Patent EP1217081.  
ACCESSION AX463197  
VERSION AX463197.1 GI:21886169  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
AUTHORS Hall, S.K., Milos, P.M. and Seymour, A.B.  
TITLE Methods and reagents for detecting increased risk of developing an  
inflammatory disorder  
JOURNAL Patent: EP 1217081-A 5 26-JUN-2002;  
Pfizer Products Inc. (US)  
FEATURES  
source Location/Qualifiers  
1. .19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1591 TGGAAACAGAGAGAGAA 1609  
DB 19 TGAAGACGCGAGGAGAGA 1  
RESULT 1193  
AX491295 19 bp DNA linear PAT 16-AUG-2002  
LOCUS AX491295  
DEFINITION Sequence 10 from Patent WO0218659.  
ACCESSION AX491295  
VERSION AX491295.1 GI:22323996  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE  
AUTHORS Liu, X.  
TITLE Method for determining alleles  
JOURNAL Patent: WO 0218659-A 10 07-MAR-2002;  
Haplogen LLC (US).  
FEATURES  
source Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"  
Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1358 GCAAGAGGCTCGAGTCT 1376  
DB 1 GCAGAGGGTCCGAGTAT 19  
RESULT 1194  
AX537672 19 bp DNA linear PAT 23-NOV-2002  
LOCUS AX537672  
DEFINITION Sequence 22 from Patent EP1241269.  
ACCESSION AX537672  
VERSION AX537672.1 GI:25269635  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE  
AUTHORS Heiskala, M.  
TITLE Method for detecting reg-like protein and nucleic acids coding  
therefor  
JOURNAL Patent: EP 1241269-A 22 10-SEP-2002;  
Ortho-Clinical Diagnostics, Inc. (US)  
FEATURES  
source Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Artificial"  
Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2806 GAGAAATGAGAGAGAG 2824  
DB 1 GAGACACTGAGAGAGCAG 19  
RESULT 1195  
AX601014 19 bp DNA linear PAT 17-FEB-2003  
LOCUS AX601014  
DEFINITION Sequence 109 from Patent WO02092851.  
ACCESSION AX601014  
VERSION AX601014.1 GI:28401087  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE  
AUTHORS Birns, M.M. and Swinburne, J.E.  
TITLE Genetic typing  
JOURNAL Patent: WO 02092851-A 109 21-NOV-2002;  
ANIMAL HEALTH TRUST (GB); The British Horseracing Board (GB)  
FEATURES  
source Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"  
Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1592 GGAACAGAGAGAGAG 1610  
DB 1 GCGAATGAGAGAGTGAG 19  
RESULT 1196  
AX643200 19 bp DNA linear PAT 24-FEB-2003  
LOCUS AX643200  
DEFINITION Sequence 66 from Patent WO02099099.  
ACCESSION AX643200  
VERSION AX643200.1 GI:28550380  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE  
AUTHORS Bengner, A., Sprenger, R. and Brinkmann, U.  
TITLE Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8  
and their use in diagnostic and therapeutic applications  
JOURNAL Patent: WO 02099099-A 66 12-DEC-2002;  
Epidaurus Biotechnologie AG (DE)  
FEATURES  
source Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 417 GGGCGCAGCTTGACATCG 435  
|||  
1 GGTCTGCACGTTGCACATCG 19

Db 1 GGTCTGCACGTTGCACATCG 19

RESULT 1197  
AX643203/c 19 bp DNA linear PAT 24-FEB-2003  
LOCUS AX643203  
DEFINITION Sequence 69 from Patent WO02099099.  
ACCESSION AX643203  
VERSION AX643203.1 GI:28550383  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Pengler, A., Sprenger, R. and Brinkmann, U.  
TITLE Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8 and their use in diagnostic and therapeutic applications  
JOURNAL Patent: WO 02099099-A 69 12-DEC-2002;  
Epidaurus Biotechnologie AG (DE)  
Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 417 GGGCGCAGCTTGACATCG 435  
|||  
1 GGTCTGCACGTTGCACATCG 19

Db 1 GGTCTGCACGTTGCACATCG 19

RESULT 1198  
AX670675 19 bp DNA linear PAT 26-MAR-2003  
LOCUS AX670675  
DEFINITION Sequence 2 from Patent WO02068685.  
ACCESSION AX670675  
VERSION AX670675.1 GI:29292060  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Leyert, L.J. and Liddle, S.  
TITLE Diagnostic test for the detection of chromosomal abnormalities in a fetus  
JOURNAL Patent: WO 02068685-A 2 06-SEP-2002;  
Cytogenetic DNA Services Ltd (GB)  
Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5003 CTCGAGCTGGCTGCCAGG 5021  
|||  
1 CTCGAGCTGGCTGCCAGG 19

Db 1 CTCGAGCTGGCTGCCAGG 19

RESULT 1199  
AX923864/c 19 bp DNA linear PAT 18-DEC-2003  
LOCUS AX923864  
DEFINITION Sequence 299 from Patent WO03080638.  
ACCESSION AX923864  
VERSION AX923864.1 GI:40216880  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Lacasse, E., Mcmanus, D. and Durkin, J.P.  
TITLE Antisense iap nucleobase oligomers and uses thereof  
JOURNAL Patent: WO 03080638-A 299 02-OCT-2003;  
Aegera Therapeutics Inc. (CA)  
Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="based on Homo sapiens."

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1948 TCGCATTCACACGCTCTG 1966  
|||  
19 TCTCCATCTTCACGCTCCG 1

Db 19 TCTCCATCTTCACGCTCCG 1

RESULT 1200  
AX937164/c 19 bp DNA linear PAT 06-JAN-2004  
LOCUS AX937164  
DEFINITION Sequence 4 from Patent WO03091432.  
ACCESSION AX937164  
VERSION AX937164.1 GI:40713272  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Lee, I.K. and Morisite, R.  
TITLE Circular dumbbell decoy oligodeoxynucleotides (cdodn) containing dna binding sites of transcription factors  
JOURNAL Patent: WO 03091432-A 4 06-NOV-2003;  
Anges MG, Inc. (JP); Lee, In-Kyu (KR)  
Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: phosphorothioate linear AP-1 decoy OD N (PcODN)"

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4703 AGCTTCAGTACACAGCT 4721  
|||  
19 AGCTTCAGTACACAGCT 1

Db 19 AGCTTCAGTACACAGCT 1

RESULT 1201  
BD137736 19 bp DNA linear PAT 18-SEP-2002  
LOCUS BD137736  
DEFINITION Protein encoded by polynucleic acid of porcine reproductive and respiratory syndrome virus (PRRSV).  
ACCESSION BD137736  
VERSION BD137736.1 GI:23232681  
KEYWORDS JP 2002504317-A/21.

SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.

REFERENCE  
AUTHORS  
1 (bases 1 to 19)  
Paul, P.S. and Zhang, Y.  
Protein encoded by polynucleotide acid of porcine reproductive and  
respiratory syndrome virus (PRRSV)  
Patent: JP 2002504317-A 21 12-FEB-2002;  
IOWA STATE UNIVERSITY RESEARCH FOUNDATION INC, AMERICAN CYANAMID CO

JOURNAL  
OS Artificial Sequence  
PN JP 2002504317-A/21  
PD 12-FEB-2002  
PR 08-FEB-1999 JP 2000530103  
PI 06-FEB-1998 US 09/019793  
PC PREM S PAUL, YANJIN ZHANG  
PC C12N15/09, A61K39/12, A61P3/14, C07K14/08, C12Q1/68//C07K16/10,  
PC C12N15/00  
CC Description of Artificial Sequence: Synthetic DNA FH Key  
FT Location/Qualifiers  
FT source 1..19  
Location/Qualifiers  
1..19  
/organism="Artificial Sequence".  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

FEATURES  
source

Query Match  
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5208 GGGAGTGCACCCACATTC 5226  
1 GGGAGTGCACCCACATTC 19  

RESULT 1202  
LOCUS  
BD169998 19 bp DNA linear PAT 17-JAN-2003  
DEFINITION  
Novel protein and its DNA.  
BD169998  
BD169998.1 GI:27875810  
KEYWORDS  
WO 02053738-A/54.  
SOURCE  
synthetic construct  
artificial sequences.  
ORGANISM  
1 (bases 1 to 19)  
REFERENCE  
Iwamoto, K., Katayama, N. and Kawamura, M.  
Novel protein and its DNA  
Patent: WO 02053738-A 54 11-JUL-2002;  
TAKEDA CHEMICAL INDUSTRIES LTD, KEIJI IWAMOTO, NOZOMI KATAYAMA,  
MIHOKO KAWAMURA  
COMMENT  
OS Artificial Sequence  
PN WO 02053738-A/54  
PD 11-JUL-2002  
PR 27-DEC-2001 WO 2001JP011557  
PR 28-DEC-2000 JP 00P 403078, 27-JUN-2001 JP 01P 195467 PI  
KEIJI IWAMOTO, NOZOMI KATAYAMA, MIHOKO KAWAMURA PC  
C12N15/12, C12P21/02, C07K14/47, C07K16/18, C12N1/15, C12N1/19, PC  
C12N1/21  
PC C12N15/10, A61K38/00, A61K45/00, A61K48/00, A61P3/06, A61P3/10, PC  
GOIN33/15,  
PC GOIN33/50, GOIN33/53  
CC Primer  
CC Key  
FT source 1..19  
Location/Qualifiers  
1..19  
/organism="Artificial Sequence".  
Location/Qualifiers  
1..19  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match  
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1499 CAAAGCTGCTTCGAGAC 1517  
1 CAAAGCTGCTTCGAGAC 19  

RESULT 1203  
LOCUS  
AB069585 19 bp DNA linear SYN 21-MAY-2003  
DEFINITION  
Synthetic construct DNA, reverse primer for human STS sts-R73M7F at  
1p36.  
AB069585  
AB069585.1 GI:15130389  
KEYWORDS  
SOURCE  
synthetic construct  
artificial sequences.  
ORGANISM  
1  
REFERENCE  
Chen, Y.Z., Hayashi, Y., Wu, J.G., Takaoka, E., Maekawa, K.,  
Matanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,  
Mochizuki, A., Ohita, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A.  
and Soeda, E.  
A BAC-based STS-content map spanning a 35-Mb region of human  
chromosome 1p35-p36  
Genomics 74 (1), 55-70 (2001)  
MEDLINE  
21269192  
PUBMED  
11374902  
REFERENCE  
2 (bases 1 to 19)  
Hori, A.  
TITLE  
Direct Submission  
JOURNAL  
Submitted (04-AUG-2001) Akira Hori, Tohoku University School of  
Medicine, Molecular Pathology, 2-1 Seiryomachi, Aoba-ku, Sendai,  
Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,  
Tel:81-22-717-8042, Fax:81-22-717-8047)  
Location/Qualifiers  
1..19  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

FEATURES  
source

misc\_feature  
1..19  
/note="reverse primer for human STS sts-R73M7F at 1p36  
sts-R73M7F obtained from clones B73M7, B106M20, Human BAC  
library RPCI-11"

Query Match  
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 312 TGAGAGTTCCTCCGAGC 330  
1 TGAGAGTTCCTCCGAGC 19  

RESULT 1204  
LOCUS  
DOGPI18802 20 bp DNA linear MAM 11-MAR-1996  
DEFINITION  
Dog (Clome: CXK.188) primer for STS 188, 3' end.  
DOGPI18802  
L24215.1 GI:401865  
KEYWORDS  
PCR identification; PCR primer; STS.  
SEGMENT  
2 of 2  
SOURCE  
Canis familiaris (dog)  
Canis familiaris  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.  
REFERENCE  
1 (bases 1 to 20)  
Ostrander, E.A., Mada, F.A., Yee, M. and Rine, J.  
One hundred and one new simple sequence repeat-based markers for  
the canine genome  
Mamm. Genome 6 (3), 192-195 (1995)  
JOURNAL



MEDLINE 95268214  
PubMed 7749226  
COMMENT Original source text: Canis familiaris (library: E. Ostrander, in pbluescript+) adult spleen DNA.  
Submitted by:  
Fred Hutchinson Cancer Research Center  
Transplantation Biology Dept  
1124 Columbia: Mailstop M318  
Seattle, WA 98104, USA  
e-mail: E.Ostrander@bl.gov  
PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)  
PCR Profile: Denaturation: 94 degrees C for 1.00 minute  
Annealing: 55 or 59 degrees C for 0.45 minutes  
Polymerization: 74 degrees C for 1.00 minutes  
PCR Cycles: 33  
Final Extension: 74 degrees C for 5.00 minutes.  
Location/Qualifiers  
1. .20  
/organism="Canis familiaris"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9615"  
/tissue\_type="spleen"  
/dev\_stage="adult"  
/tissue\_id="E. Ostrander, in pbluescript+"  
complement(1. .20)  
primer\_bind

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 270 CTCTCTCTTCTCTCTC 288  
Db 2 CCTCTCCTCTCTCTCTC 20

RESULT 1205  
LOCUS A30766 20 bp DNA linear PAT 24-JUL-1996  
DEFINITION Artificial DNA for oligonucleotide (TB-5).  
ACCESSION A30766  
VERSION A30766.1 GI:1567066  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS  
TITLE NUCLEOTIDIC SEQUENCES OF ACTINOMYCETALS, APPLICATIONS TO THE SYNTHESIS OR DETECTION OF NUCLEIC ACIDS, PRODUCTS OF EXPRESSION OF SUCH SEQUENCES AND APPLICATION AS IMMUNOGENIC COMPOSITIONS  
JOURNAL Patent: WO 9012875-A 20 01-NOV-1990;  
LOCATION/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 605 TGCCAGCGAGTCATCTCC 623  
Db 2 TGCCAGCGAGTCATCTCC 20

RESULT 1206  
LOCUS A65903/c 20 bp DNA linear PAT 29-MAR-1999  
DEFINITION Sequence 16 from Patent WO9738114.  
ACCESSION A65903  
VERSION A65903.1 GI:4537904  
KEYWORDS

SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Fontana, A., Constam, D.B., Tobler, A.R., Altmann, K. and Schlapbach, R.  
JOURNAL PUROMYCIN-SENSITIVE AMINOPEPTIDASES  
Patent: WO 9738114-A 16 16-OCT-1997;  
CTBA GEIGY AG (CH)  
Other publication AU 5686896 19971029.  
LOCATION/Qualifiers  
1. .20  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 3856 TGCCGGCCAGAGGCCCAT 3874  
Db 19 TGCCGGAGAGAGGCCCTT 1

RESULT 1207  
LOCUS A67862 20 bp DNA linear PAT 05-MAY-1999  
DEFINITION Sequence 34 from Patent WO9742326.  
ACCESSION A67862  
VERSION A67862.1 GI:4756684  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Goddijn, O.J., Pen, J., Smeekens, J.C. and Smits, M.T.  
TITLE REGULATING METABOLISM BY MODIFYING THE LEVEL OF TREHALOSE-6-PHOSPHATE  
JOURNAL Patent: WO 9742326-A 34 13-NOV-1997;  
MOGEN INT (NL)  
LOCATION/Qualifiers  
1. .20  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 68.4%; Pred. No. 1.1e+03;  
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Oy 3227 CATCACTGAATCATCTAC 3245  
Db 2 CRTCAGTAAATCCTCACC 20

RESULT 1208  
LOCUS A94717 20 bp DNA linear PAT 26-JAN-2000  
DEFINITION Sequence 11 from Patent WO9934783.  
ACCESSION A94717  
VERSION A94717.1 GI:6778982  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Rivier, M. and Michel, S.  
TITLE USE OF PPAR- gamma ACTIVATORS IN DERMATOLOGY  
JOURNAL Patent: WO 9934783-A 11 15-JUL-1999;  
GALDERMA RESEARCH & DEV S N C (FR); RIVIER MICHEL (FR)  
LOCATION/Qualifiers  
1. .20  
/organism="unidentified"

/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1616 GCGGACGAGATATGTTT 1634

Db 1 GCGGACGAGATATGTTT 19

RESULT 1209

LOCUS A98537 20 bp DNA linear PAT 26-JAN-2000

DEFINITION Sequence 12 from Patent W0911778.

ACCESSION A98537

VERSION A98537.1 GI:6781623

KEYWORDS Rattus norvegicus (Norway rat)

SOURCE Rattus norvegicus

ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE 1 (bases 1 to 20)

AUTHORS Higgenbotham, T. and McCormack, K.

TITLE ANTISENSE TREATMENT OF PULMONARY HYPERTENSION

JOURNAL Patent: WO 9911778-A 12 11-MAR-1999;

FEATURES HIGGENBOTHAM TIMOTHY (GB); MCCORMACK KEITH (GB)

Location/Qualifiers

1. .20

/organism="Rattus norvegicus"

/mol\_type="unassigned DNA"

/db\_xref="taxon:10116"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2912 CATCTCATCAGCATCAAG 2930

Db 19 CATCAGCAACGATCAAG 1

RESULT 1210

LOCUS AR026506 20 bp DNA linear PAT 29-SEP-1999

DEFINITION Sequence 13 from patent US 5856099.

ACCESSION AR026506

VERSION AR026506.1 GI:5937346

KEYWORDS Unknown.

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Miraglia, L., Bennett, C., Frank, N. and Geiger, T.

TITLE Antisense compositions and methods for modulating type I

JOURNAL Patent: US 5856099-A 13 05-JAN-1999;

FEATURES Location/Qualifiers

1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1235 CTCGCGGCGCTCGTCA 1253

Db 20 CTCGCGGCGCTCGTCA 2

RESULT 1211

LOCUS AR026577 20 bp DNA linear PAT 29-SEP-1999

DEFINITION Sequence 3 from patent US 5856104.

ACCESSION AR026577

VERSION AR026577.1 GI:5937417

KEYWORDS Unknown.

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Chee, M. and Fan, J.-B.

TITLE Polymorphisms in the glucose-6 phosphate dehydrogenase locus

JOURNAL Patent: US 5856104-A 3 05-JAN-1999;

FEATURES Location/Qualifiers

1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2697 CAGATTGAGTTTCTCAGCT 2715

Db 2 CAGTTTGAGTCTCTCTGCT 20

RESULT 1212

LOCUS AR027715 20 bp DNA linear PAT 29-SEP-1999

DEFINITION Sequence 13 from patent US 5856442.

ACCESSION AR027715

VERSION AR027715.1 GI:5938535

KEYWORDS Unknown.

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Carosella, E., Delfino, J., Moreau, P., Gluckman, E. and Kirszenbaum, M.

TITLE Transcripts of the MHC class I HLA-G gene and their applications

JOURNAL Patent: US 5856442-A 13 05-JAN-1999;

FEATURES Location/Qualifiers

1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2609 CCACAGCCCTGCTTGGC 2627

Db 1 CCACACCCCTGCTTTGAC 19

RESULT 1213

LOCUS AR036620 20 bp DNA linear PAT 29-SEP-1999

DEFINITION Sequence 20 from patent US 5872242.

ACCESSION AR036620

VERSION AR036620.1 GI:5953288

KEYWORDS Unknown.

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Montu, B. P., Cowser, L. M. and Manoharan, M.

TITLE Antisense oligonucleotide inhibition of ras

JOURNAL Patent: US 5872242-A 20 16-FEB-1999;

FEATURES Location/Qualifiers

1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 217 GCCCGCGCGCGCTGCAG 235  
Db 19 GCCCGCGCGCGCGAG 1

RESULT 1214  
AR037881 AR037881 20 bp DNA linear PAT 29-SEP-1999  
LOCUS AR037881  
DEFINITION Sequence 1 from patent US 5804383.  
ACCESSION AR037881  
VERSION AR037881.1 GI:5956598  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Gruenert,D.C. and Dohman,A.F.  
TITLE Method and assay for detection of the expression of allele-specific mutations by allele-specific in situ reverse transcriptase polymerase chain reaction  
JOURNAL Patent: US 5804383-A 1 08-SEP-1998;  
FEATURES  
LOCATION/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 349 CTGAGCGCGCTGAACAGCA 367  
Db 2 CAGAGTACTGAACAGCA 20

RESULT 1215  
AR052628 AR052628 20 bp DNA linear PAT 29-SEP-1999  
LOCUS AR052628/c  
DEFINITION Sequence 28 from patent US 5831066.  
ACCESSION AR052628  
VERSION AR052628.1 GI:5975992  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Reed,V.C.  
TITLE Regulation of bcl-2 gene expression  
JOURNAL Patent: US 5831066-A 28 03-NOV-1998;  
FEATURES  
LOCATION/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3919 CGACGCGCGCGCGCGCT 3937  
Db 19 CGCTGCGCGCGCGCGCT 1

RESULT 1216  
AR072844 AR072844 20 bp DNA linear PAT 28-AUG-2000  
LOCUS AR072844  
DEFINITION Sequence 2 from patent US 5948653.

ACCESSION AR072844  
VERSION AR072844.1 GI:9999608  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Paci,S. and Zarling,D.A.  
TITLE Sequence alterations using homologous recombination  
JOURNAL Patent: US 5948653-A 2 07-SEP-1999;  
FEATURES  
LOCATION/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 349 CTGAGCGCGCTGAACAGCA 367  
Db 2 CAGAGTACTGAACAGCA 20

RESULT 1217  
AR076672 AR076672 20 bp DNA linear PAT 30-AUG-2000  
LOCUS AR076672  
DEFINITION Sequence 37 from patent US 5959096.  
ACCESSION AR076672  
VERSION AR076672.1 GI:10003418  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.Frank. and Dean,N.  
TITLE Antisense oligonucleotides against human protein kinase C  
JOURNAL Patent: US 5959096-A 37 28-SEP-1999;  
FEATURES  
LOCATION/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2984 GGCACAGAAACGAGCTG 3002  
Db 1 GGCACAGAAACGTACAG 19

RESULT 1218  
AR079640 AR079640 20 bp DNA linear PAT 31-AUG-2000  
LOCUS AR079640/c  
DEFINITION Sequence 20 from patent US 5965722.  
ACCESSION AR079640  
VERSION AR079640.1 GI:10006381  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Ecker,D.J., Cook,P.Dan., Monla,B.P., Freier,S.M. and Sanghvi,Y.S.  
TITLE Antisense inhibition of ras gene with chimeric and alternating oligonucleotides  
JOURNAL Patent: US 5965722-A 20 12-OCT-1999;  
FEATURES  
LOCATION/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 217 GCCGCGGCGGCGGCGGCGG 235  
Db 19 GCCGCGGCGGCGGCGGCGG 1

RESULT 1219  
AR084434 20 bp DNA linear PAT 01-SEP-2000  
LOCUS AR084434  
DEFINITION Sequence 10 from patent US 5981178.  
ACCESSION AR084434  
VERSION AR084434.1 GI:10011205  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Teui, L.-C., Rommens, J.M. and Kerem, B.-S.  
TITLE Methods for screening for mutations at various positions in the  
JOURNAL introns and exons of the cystic fibrosis gene  
FEATURES Patent: US 5981178-A 10 09-NOV-1999;  
SOURCE Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 349 CTGAGCGCGCTGAACAGCA 367  
Db 2 CAGAGTACTGTAACAGCA 20

RESULT 1220  
AR093876 20 bp DNA linear PAT 08-SEP-2000  
LOCUS AR093876  
DEFINITION Sequence 10 from patent US 6001588.  
ACCESSION AR093876  
VERSION AR093876.1 GI:10020622  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Teui, L.-C., Rommens, J.M. and Kerem, B.-S.  
TITLE Introns and exons of the cystic fibrosis gene and mutations thereof  
JOURNAL Patent: US 6001588-A 10 14-DEC-1999;  
FEATURES Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 349 CTGAGCGCGCTGAACAGCA 367  
Db 2 CAGAGTACTGTAACAGCA 20

RESULT 1221  
AR094593 20 bp DNA linear PAT 08-SEP-2000  
LOCUS AR094593  
DEFINITION Sequence 2 from patent US 6001816.  
ACCESSION AR094593  
VERSION AR094593.1 GI:10021652  
KEYWORDS  
SOURCE Unknown.

ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Morley, M.A., Gu, M., Cheng, J., Zhou, J. and Caskey, C. Thomas.  
TITLE Gene therapy for leptin deficiency  
JOURNAL Patent: US 6001816-A 2 14-DEC-1999;  
FEATURES Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 4254 TTAGCACCAAGCTGAGG 4272  
Db 1 TCAGCACCCGCGGCTGAGG 19

RESULT 1222  
AR098227 20 bp DNA linear PAT 14-FEB-2001  
LOCUS AR098227  
DEFINITION Sequence 5 from patent US 6074853.  
ACCESSION AR098227  
VERSION AR098227.1 GI:12807484  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Patti, S. and Zarling, D.A.  
TITLE Sequence alterations using homologous recombination  
JOURNAL Patent: US 6074853-A 5 13-JUN-2000;  
FEATURES Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 349 CTGAGCGCGCTGAACAGCA 367  
Db 2 CAGAGTACTGTAACAGCA 20

RESULT 1223  
AR099506 20 bp DNA linear PAT 14-FEB-2001  
LOCUS AR099506  
DEFINITION Sequence 33 from patent US 6077833.  
ACCESSION AR099506  
VERSION AR099506.1 GI:12809272  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett, C., Frank, A. and Vickers, T.A.  
TITLE Oligonucleotide compositions and methods for the modulation of the  
JOURNAL expression of B7 protein  
FEATURES Patent: US 6077833-A 33 20-JUN-2000;  
SOURCE Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1994 GCCTGAGCAGAGACCGG 2012

Db 19 GCCCGAGTACAAGAACCGG 1

## RESULT 1224

ARI00320 20 bp DNA linear PAT 14-FEB-2001  
LOCUS Sequence 51 from patent US 6080580.  
DEFINITION ARI00320  
ACCESSION ARI00320  
VERSION ARI00320.1 GI:12810768  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.  
TITLE Antisense oligonucleotide modulation of tumor necrosis  
factor- $\alpha$ .alpha. (TNF- $\alpha$ .alpha.) expression  
JOURNAL Patent: US 6080580-A 51 27-JUN-2000;  
FEATURES Location/Qualifiers  
source 1..20  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 267 CCCCTCTCTCTCTCTCT 285  
Db 2 CCCATCTCTCTCCCTCTCT 20

## RESULT 1225

ARI00464 20 bp DNA linear PAT 14-FEB-2001  
LOCUS Sequence 195 from patent US 6080580.  
DEFINITION ARI00464  
ACCESSION ARI00464  
VERSION ARI00464.1 GI:12810912  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.  
TITLE Antisense oligonucleotide modulation of tumor necrosis  
factor- $\alpha$ .alpha. (TNF- $\alpha$ .alpha.) expression  
JOURNAL Patent: US 6080580-A 195 27-JUN-2000;  
FEATURES Location/Qualifiers  
source 1..20  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2209 ACAAGAGCTGAGTCCTT 2227  
Db 2 AGAAAAAGCTGAGACCTT 20

RESULT 1226  
ARI02403/c 20 bp DNA linear PAT 14-FEB-2001  
LOCUS Sequence 28 from patent US 6083923.  
DEFINITION ARI02403  
ACCESSION ARI02403  
VERSION ARI02403.1 GI:12813201  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

AUTHORS Hardee,G.E., Geary,R.S., Levin,A., Templin,M.V., Howard,R. and Mehta,R.C.  
TITLE Liposomal oligonucleotide compositions for modulating RAS gene expression  
JOURNAL Patent: US 6083923-A 28 04-JUL-2000;  
FEATURES Location/Qualifiers  
source 1..20  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 217 GCCCGGCGACCCGCGCAG 235  
Db 19 GCCCGGCGCGCGGCGCAG 1

RESULT 1227  
ARI03905 20 bp DNA linear PAT 14-FEB-2001  
LOCUS Sequence 17 from patent US 6087489.  
DEFINITION ARI03905  
ACCESSION ARI03905  
VERSION ARI03905.1 GI:12815493  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Dean,N.M.  
TITLE Antisense oligonucleotide modulation of human thymidylate synthase  
JOURNAL Patent: US 6087489-A 17 11-JUL-2000;  
FEATURES Location/Qualifiers  
source 1..20  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5008 GCTTGCTGCGCGGAGGG 5026  
Db 2 GCTTGCGCGCGGAGGG 20

RESULT 1228  
ARI07609/c 20 bp DNA linear PAT 14-FEB-2001  
LOCUS Sequence 49 from patent US 6110664.  
DEFINITION ARI07609  
ACCESSION ARI07609  
VERSION ARI07609.1 GI:12823096  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Cowser,L.M.  
TITLE Antisense inhibition of G- $\alpha$ .alpha-SI expression  
JOURNAL Patent: US 6110664-A 49 29-AUG-2000;  
FEATURES Location/Qualifiers  
source 1..20  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2320 AAAAATCAAGCAGCAGCA 2338  
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Db 19 AATTAATMAACGACGACA 1

RESULT 1229

LOCUS ARI07611/c 20 bp DNA 1linear PAT 14-FEB-2001

DEFINITION Sequence 51 from patent US 6110664.

ACCESSION ARI07611

VERSION ARI07611.1 GI:12823098

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Cowser, L.M.

TITLE Antisense inhibition of G-alpha-S1 expression

JOURNAL Patent: US 6110664-A 51 29-AUG-2000;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2321 AATATCAGCAGCAGCAG 2339

Db 20 ATTAATMAACGACGACG 2

RESULT 1230

LOCUS ARI07612 20 bp DNA 1linear PAT 14-FEB-2001

DEFINITION Sequence 52 from patent US 6110664.

ACCESSION ARI07612

VERSION ARI07612.1 GI:12823099

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Cowser, L.M.

TITLE Antisense inhibition of G-alpha-S1 expression

JOURNAL Patent: US 6110664-A 52 29-AUG-2000;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2323 AATCAAGCAGCAGCAGTA 2341

Db 19 AATTAATMAACGACGACA 1

RESULT 1231

LOCUS ARI07613 20 bp DNA 1linear PAT 14-FEB-2001

DEFINITION Sequence 53 from patent US 6110664.

ACCESSION ARI07613

VERSION ARI07613.1 GI:12823100

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Cowser, L.M.

TITLE Antisense inhibition of G-alpha-S1 expression

JOURNAL Patent: US 6110664-A 53 29-AUG-2000;

FEATURES

Location/Qualifiers

1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2323 AATCAAGCAGCAGCAGTA 2341

Db 20 AATTAATMAACGACGACA 2

RESULT 1232

LOCUS ARI12658/c 20 bp DNA 1linear PAT 16-MAY-2001

DEFINITION Sequence 22 from patent US 6130088.

ACCESSION ARI12658

VERSION ARI12658.1 GI:14092558

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Mont, B.P. and Cowser, L.M.

TITLE Antisense modulation of telomeric repeat binding factor 1 expression

JOURNAL Patent: US 6130088-A 22 10-OCT-2000;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2931 TCCTGTGACGACGACGAT 2949

Db 19 TCCTCAGCAGCAGACACT 1

RESULT 1233

LOCUS ARI20012 20 bp DNA 1linear PAT 16-MAY-2001

DEFINITION Sequence 16 from patent US 6153595.

ACCESSION ARI20012

VERSION ARI20012.1 GI:14102711

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Draper, K.G., Kiser, D.L., Anderson, K.P. and Chapman, S.

TITLE Composition and method for treatment of CMV infections

JOURNAL Patent: US 6153595-A 16 28-NOV-2000;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 664 ACACTTACAGAAATTCGCC 682

Db 2 AGACTTACGACCTTCGCC 20

RESULT 1234

LOCUS ARI20077/c

LOCUS ARI20077 20 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 81 from patent US 6153595.  
ACCESSION ARI20077  
VERSION ARI20077.1 GI:14102776  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Draper,K.G., Kisser,D.L., Anderson,K.P. and Chapman,S.  
TITLE Composition and method for treatment of CMV infections  
JOURNAL Patent: US 6153595-A 81 28-NOV-2000;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 664 ACACTTACAGATTCTGCC 682  
19 AGACTTACGAGTTCTGCC 1

RESULT 1235  
ARI22482  
LOCUS ARI22482 20 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 36 from patent US 6165728.  
ACCESSION ARI22482  
VERSION ARI22482.1 GI:14106799  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Ward,D.T. and Cowseert,L.M.  
TITLE Antisense modulation of NCK-2 expression  
JOURNAL Patent: US 6165728-A 36 26-DEC-2000;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 726 TCCATGAGTCTTCACCA 744  
2 TCCTTCAGTCTTCACCA 20

RESULT 1236  
ARI24478/c  
LOCUS ARI24478 20 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 47 from patent US 6171860.  
ACCESSION ARI24478  
VERSION ARI24478.1 GI:14109839  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F. and Cowseert,L.M.  
TITLE Antisense inhibition of rank expression  
JOURNAL Patent: US 6171860-A 47 09-JAN-2001;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 336 TTCCTTCCCTCAGC 354  
19 TTACTGTCTCCTCAGC 1

RESULT 1237  
ARI26640/c  
LOCUS ARI26640 20 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 69 from patent US 6180353.  
ACCESSION ARI26640  
VERSION ARI26640.1 GI:14113233  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Dean,N.M. and Cowseert,L.M.  
TITLE Antisense modulation of dax expression  
JOURNAL Patent: US 6180353-A 69 30-JAN-2001;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3139 GGCCAAAGACCTGAAAG 3157  
19 GGCCACAGATTCTGAAG 1

RESULT 1238  
ARI49975  
LOCUS ARI49975 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 51 from patent US 6228642.  
ACCESSION ARI49975  
VERSION ARI49975.1 GI:15114566  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.  
TITLE Antisense oligonucleotide modulation of tumor necrosis factor-(alpha) (TNF-alpha) expression  
JOURNAL Patent: US 6228642-A 51 08-MAY-2001;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 267 CCCCTCTCTCTTCTCT 285  
2 CCCATCTCTCTCTCTCT 20

RESULT 1239  
ARI50119  
LOCUS ARI50119 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 195 from patent US 6228642.  
ACCESSION ARI50119  
VERSION ARI50119.1 GI:15114710  
KEYWORDS

SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.  
TITLE Antisense oligonucleotide modulation of tumor necrosis factor-(alpha.) (TNF-.alpha.) expression  
JOURNAL Patent: US 6228642-A 195 08-MAY-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2209 ACAAGAGCTGATGCTT 2227  
Db 2 AGAAAAAGCTGAGACCTT 20

RESULT 1240  
LOCUS AR150211/c 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 287 from patent US 6228642.  
ACCESSION AR150211  
VERSION AR150211.1 GI:15114802  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.  
TITLE Antisense oligonucleotide modulation of tumor necrosis factor-(alpha.) (TNF-.alpha.) expression  
JOURNAL Patent: US 6228642-A 287 08-MAY-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1307 CCAACTGACAAAGCTGTG 1325  
Db 20 CCGAGTGAACAGCTGTAG 2

RESULT 1241  
LOCUS AR150298/c 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 374 from patent US 6228642.  
ACCESSION AR150298  
VERSION AR150298.1 GI:15114889  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.  
TITLE Antisense oligonucleotide modulation of tumor necrosis factor-(alpha.) (TNF-.alpha.) expression  
JOURNAL Patent: US 6228642-A 374 08-MAY-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 104 CTCTCGAGCTCCAGA 122  
Db 20 CTCTCGAGCTTCAGA 2

RESULT 1242  
LOCUS AR153111 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 113 from patent US 6235480.  
ACCESSION AR153111  
VERSION AR153111.1 GI:15120643  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Shultz,J.William., Lewis,M.K., Leijpe,D., Mandrekar,M., Kephart,D., Rhodes,R.Byron., Andrews,C.Ann., Hartnett,J.Robert., Gu,T., Olson,R.J., Wood,K.V. and Welch,R.  
TITLE Detection of nucleic acid hybrids  
JOURNAL Patent: US 6235480-A 113 22-MAY-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 349 CTGAGCGCTGAACAGCA 367  
Db 2 CAGAGTACTGGAACAGCA 20

RESULT 1243  
LOCUS AR160688 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 14 from patent US 6255105.  
ACCESSION AR160688  
VERSION AR160688.1 GI:16225156  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Marchetti,A., Butticca,F., Smith,G.H. and Callahan,R.  
TITLE Nucleotide and deduced amino acid sequences of tumor gene int6  
JOURNAL Patent: US 6255105-A 14 03-JUL-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3810 AAGAGCCAAAGGAGCCCA 3828  
Db 2 AAGAACCAAGGAAATCTTA 20

RESULT 1244  
LOCUS AR162557/c 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 61 from patent US 6258601.  
ACCESSION AR162557  
VERSION AR162557.1 GI:16229806  
KEYWORDS  
SOURCE Unknown.



ORGANISM Unknown.  
Unclassified.  
REFERENCE 1 (bases 1 to 20).  
AUTHORS Monia,B.P. and Cowser,L.M.  
TITLE Antisense modulation of ubiquitin protein ligase expression  
JOURNAL Patent: US 6258601-A 61 10-JUL-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred.No.1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1656 GCGTTCTCCGACCTCTGC 1674  
Db 19 GGCATCTCCGACCTCTAGC 1

RESULT 1245  
ARI63820  
LOCUS ARI63820 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 18 from patent US 6271030.  
ACCESSION ARI63820  
VERSION ARI63820.1 GI:16234587  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Monia,B.P., Butler,M.M. and Wyatt,J.  
TITLE Antisense inhibition of C/EBP beta expression  
JOURNAL Patent: US 6271030-A 18 07-AUG-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred.No.1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3924 CCGGCGCGCGCGCTGCCG 3942  
Db 1 CTGCTGCCGCGCTGCCG 19

RESULT 1246  
ARI63839/c  
LOCUS ARI63839 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 37 from patent US 6271030.  
ACCESSION ARI63839  
VERSION ARI63839.1 GI:16234618  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Monia,B.P., Butler,M.M. and Wyatt,J.  
TITLE Antisense inhibition of C/EBP beta expression  
JOURNAL Patent: US 6271030-A 37 07-AUG-2001;  
FEATURES Location/Qualifiers  
source 1..20  
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/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred.No.1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3924 CCGGCGCGCGCGCTGCCG 3942  
||||| ||||| ||||| ||||| |||||

Db 20 CCGCGCGCGCGCGCGCG 2

RESULT 1247  
ARI63861/c  
LOCUS ARI63861 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 59 from patent US 6271030.  
ACCESSION ARI63861  
VERSION ARI63861.1 GI:16234655  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Monia,B.P., Butler,M.M. and Wyatt,J.  
TITLE Antisense inhibition of C/EBP beta expression  
JOURNAL Patent: US 6271030-A 59 07-AUG-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred.No.1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1881 GAGAGAGAGTGCTGCAGGA 1899  
Db 20 GAGAGAGAGCGCGCTGCAGA 2

RESULT 1248  
ARI63875  
LOCUS ARI63875 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 73 from patent US 6271030.  
ACCESSION ARI63875  
VERSION ARI63875.1 GI:16234670  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Monia,B.P., Butler,M.M. and Wyatt,J.  
TITLE Antisense inhibition of C/EBP beta expression  
JOURNAL Patent: US 6271030-A 73 07-AUG-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred.No.1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1368 CCGAGCTCCGCGACCGGC 1366  
Db 2 CCGAGTCTCAGCCCGGC 20

RESULT 1249  
ARI70526  
LOCUS ARI70526 20 bp DNA linear PAT 17-DEC-2001  
DEFINITION Sequence 13 from patent US 6291659.  
ACCESSION ARI70526  
VERSION ARI70526.1 GI:17908485  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Carosella,E.,DeIino., Moreau,P., Gluckman,E. and Kirszenbaum,M.  
TITLE Transcripts of the MHC class I HLA-G gene and their applications  
JOURNAL Patent: US 6291659-A 13 18-SEP-2001;

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Best Local Similarity	84.2%; Pred. No. 1.1e+03;					
Matches 16; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;		
OY	2609 CCACAGCCCTGTTGCC 2627             1 CCACCACCCTGTCTTGAC 19					
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RESULT 1250						
LOCUS	AR173865 20 bp DNA linear PAT 17-DEC-2001					
DEFINITION	Sequence 63 from patent US 6306606.					
ACCESSION	AR173865					
VERSION	AR173865.1 GI:17914185					
KEYWORDS	.					
SOURCE	Unknown. Unclassified.					
REFERENCE	1 (bases 1 to 20) Weber,M.J., Wyatt,J. and Cowsest,L.M. Antisense modulation of MP-1 expression Patent: US 6306606-A 63 23-OCT-2001; Location/Qualifiers 1..20 /organism="unknown" /mol_type="unassigned DNA"					
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Query Match	0.3%; Score 14.2; DB 1; Length 20;					
Best Local Similarity	84.2%; Pred. No. 1.1e+03;					
Matches 16; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;		
OY	1430 TCTGGCGATTCCTCAGAA 1448             19 TTAGGGATTACCAAGAAA 1					
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RESULT 1251						
LOCUS	AR178787/c 20 bp DNA linear PAT 20-APR-2002					
DEFINITION	Sequence 33 from patent US 6319906.					
ACCESSION	AR178787					
VERSION	AR178787.1 GI:20219925					
KEYWORDS	.					
SOURCE	Unknown. Unclassified.					
ORGANISM	Unclassified.					
REFERENCE	1 (bases 1 to 20) Bennett,C.Frank. and Vickers,T.A. Oligonucleotide compositions and methods for the modulation of the expression of B7 protein Patent: US 6319906-A 33 20-NOV-2001; Location/Qualifiers 1..20 /organism="unknown" /mol_type="unassigned DNA"					
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JOURNAL FEATURES	source					
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Query Match	0.3%; Score 14.2; DB 1; Length 20;					
Best Local Similarity	84.2%; Pred. No. 1.1e+03;					
Matches 16; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;		
OY	1994 GCCTGAGCACGAACCGG 2012             Db 19 GCCGAGTACAAGAACCG 1					
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RESULT 1252						
BD175321						

LOCUS	BD175321	20 bp	DNA	linear	PAT 18-MAR-2003
DEFINITION	Secretory and transmembrane polypeptide and nucleic acid encoding the same.				
ACCESSION	BD175321				
VERSION	BD175321.1	GI:29121017			
KEYWORDS	JP 2002253280-A/103.				
SOURCE	synthetic construct				
ORGANISM	synthetic construct				
REFERENCE	1 (bases 1 to 20)				
AUTHORS	Wood,W.I., Gurney,A.L., Goddard,A., Pennica,D., Zheng,J. and Yuan,J.				
TITLE	Secretory and transmembrane polypeptide and nucleic acid encoding the same				
JOURNAL	Patent: JP 2002253280-A 103 10-SEP-2002;				
COMMENT	GENENTECH INC				
OS	Artificial Sequence				
PN	JP 2002253280-A/103				
PD	10-SEP-2002				
PF	18-DEC-2001 JP 2001385319				
PR	17-SEP-1997 US 60/059115,17-SEP-1997 US 60/059184 PR				
17-SEP-1997 US	60/059122,17-SEP-1997 US 60/059121 PR				
17-SEP-1997 US	60/059119,18-SEP-1997 US 60/059263 PR				
18-SEP-1997 US	60/059266,15-OCT-1997 US 60/059285 PR				
17-OCT-1997 US	60/062287,17-OCT-1997 US 60/062285 PR				
21-OCT-1997 US	60/063486,24-OCT-1997 US 60/062816 PR				
24-OCT-1997 US	60/062814,24-OCT-1997 US 60/063127 PR				
24-OCT-1997 US	60/063120,24-OCT-1997 US 60/063121 PR				
24-OCT-1997 US	60/063045,24-OCT-1997 US 60/063128 PR				
27-OCT-1997 US	60/063329,27-OCT-1997 US 60/063327 PR				
28-OCT-1997 US	60/063549,28-OCT-1997 US 60/063541 PR				
28-OCT-1997 US	60/063550,28-OCT-1997 US 60/063542 PR				
28-OCT-1997 US	60/063544,28-OCT-1997 US 60/063564 PR				
29-OCT-1997 US	60/063724,29-OCT-1997 US 60/063738 PR				
29-OCT-1997 US	60/063704,29-OCT-1997 US 60/063735 PR				
29-OCT-1997 US	60/064215,29-OCT-1997 US 60/063733 PR				
29-OCT-1997 US	60/063732,31-OCT-1997 US 60/064103 PR				
31-OCT-1997 US	60/063870,31-OCT-1997 US 60/064248 PR				
07-NOV-1997 US	60/064809,12-NOV-1997 US 60/064186 PR				
17-NOV-1997 US	60/065846,18-NOV-1997 US 60/065693 PR				
21-NOV-1997 US	60/066120,21-NOV-1997 US 60/065694 PR				
24-NOV-1997 US	60/066772,24-NOV-1997 US 60/066466 PR				
24-NOV-1997 US	60/066770,24-NOV-1997 US 60/066511 PR				
24-NOV-1997 US	60/066453,25-NOV-1997 US 60/066840 PR				
WILLIAM I WOOD, AUSTIN L GURNEY, AUDREY GODDARD, DIANE PENNICA, PI					
JIAN ZHENG,					
PI JEAN YUAN					
PC C12N15/09,A61K45/00,A61P1/00,A61P13/12,A61P17/00,A61P17/06, PC					
A61P25/00,					
PC A61K25/16,A61P25/28,A61P31/12,A61P35/00,C07K14/47,C07K16/18,					
PC C07K19/00,					
PC C12N1/19,C12N1/21,C12N5/10//A61K38/00,A61K39/395,A61K39/395,					
PC A61P43/00,					
PC C12P21/08,(C12N1/19,C12R1:645),(C12N1/21,C12R1:19),(C12N5/10,					
PC C12R1:91)					
PC C12N15/00,C12N5/00,A61K37/02,(C12N5/00,C12R1:91) CC					
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Location/Qualifiers					
FT source	1..20				
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1..20					
FEATURES					
source					
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	/mol_type="genomic DNA"				
	/db_xref="taxon:32630"				
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Best Local Similarity	84.2%	Pred. No. 1	le+03;		
Matches	16;	Conservative	0;	Mismatches	3;
				Indels	0;
				Gaps	0;
2701	TTGAGTTTCACGTGCTA 2719				

Db 1 TTGCCTTACTGAGTGCTA 19

RESULT 1253

BD176297 20 bp DNA linear PAT 18-MAR-2003

LOCUS A method of arraying genome clone.

DEFINITION BD176297

ACCESSION BD176297.1 GI:29122003

VERSION WO 02072815-A/97.

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 20)

AUTHORS Soeda,E

TITLE A method of arraying genome clone

JOURNAL Patent: WO 02072815-A 97 19-SEP-2002;

BD176297, TAKESHI KUKITA

OS Artificial Sequence

PN WO 02072815-A/97

PD 19-SEP-2002

PF 17-MAY-2001 WO 2001JP004139

PR 12-MAR-2001 JP 01P 68285

PI EIICHI SOEDA

PC C12N15/09, C12Q1/68

CC Description of Artificial Sequence: Synthetic DNA FH Key

FEATURES

source FT Location/Qualifiers

1..20 /organism="Artificial Sequence"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2822 AAGTGAGGGGAGCTGCTG 2840

Db 2 AAGTGAGGGGAGGAGGAG 20

RESULT 1254

BD178721 20 bp DNA linear PAT 16-APR-2003

LOCUS Gene panel for genes involving liver regeneration.

DEFINITION BD178721

ACCESSION BD178721.1 GI:30015988

VERSION WO 02077222-A/59.

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 20)

AUTHORS Yokoyama,F., Okutsu,T., Mori,M., Yoshiyuki, Takahara, Fukuda,H.,

TITLE Gene panel for genes involving liver regeneration

JOURNAL Patent: WO 02077222-A 59 03-OCT-2002;

AJINOMOTO CO INC, FUMIHIKO YOKOYA, TOMOHISA OKUTSU, MAIKO MORI, YOSHIYUKI TAKAHARA, HISAO FUKUDA, HIROYUKI ABURATANI, ICHIRO SONAKA

OS Artificial Sequence

PN WO 02077222-A/59

PD 03-OCT-2002

PF 13-MAR-2002 WO 2002JP002372

PR 13-MAR-2001 JP 01P 070940

PI FUMIHIKO YOKOYA, TOMOHISA OKUTSU, MAIKO MORI, YOSHIYUKI TAKAHARA, HISAO FUKUDA,

PI HIROYUKI ABURATANI, ICHIRO SONAKA

PC C12N15/09, C12Q1/68, G01N33/15, G01N33/50, G01N37/00 CC

CC Description of Artificial Sequence: primer

FH Key Location/Qualifiers

FT source 1..20

FEATURES

source FT Location/Qualifiers

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/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2492 GACAGGATGAGTACAC 2510

Db 2 GACAGGATGAGTACAC 20

RESULT 1255

BD178835 20 bp DNA linear PAT 16-APR-2003

LOCUS Gene panel for genes involving liver regeneration.

DEFINITION BD178835

ACCESSION BD178835.1 GI:30016102

VERSION WO 02077222-A/173.

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 20)

AUTHORS Yokoyama,F., Okutsu,T., Mori,M., Yoshiyuki, Takahara, Fukuda,H.,

TITLE Gene panel for genes involving liver regeneration

JOURNAL Patent: WO 02077222-A 173 03-OCT-2002;

AJINOMOTO CO INC, FUMIHIKO YOKOYA, TOMOHISA OKUTSU, MAIKO MORI, YOSHIYUKI TAKAHARA, HISAO FUKUDA, HIROYUKI ABURATANI, ICHIRO SONAKA

OS Artificial Sequence

PN WO 02077222-A/173

PD 03-OCT-2002

PF 13-MAR-2002 WO 2002JP002372

PR 13-MAR-2001 JP 01P 070940

PI FUMIHIKO YOKOYA, TOMOHISA OKUTSU, MAIKO MORI, YOSHIYUKI TAKAHARA, HISAO FUKUDA,

PI HIROYUKI ABURATANI, ICHIRO SONAKA

PC C12N15/09, C12Q1/68, G01N33/15, G01N33/50, G01N37/00 CC

CC Description of Artificial Sequence: primer

FH Key Location/Qualifiers

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/organism="Artificial Sequence"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3471 ACACAGAGTCAGGCCCA 3489

Db 19 ACACAGAGTCAGGCCCA 1

RESULT 1256

BD181761 20 bp DNA linear PAT 15-MAY-2003

LOCUS Novel G protein coupled receptor protein and its DNA.

DEFINITION BD181761

ACCESSION BD181761.1 GI:30792679

VERSION JP 2002335977-A/58.

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 20)

AUTHORS Terao,Y. and Shintani,Y.

TITLE Novel G protein coupled receptor protein and its DNA  
JOURNAL Patent: JP 2002335977-A 58 26-NOV-2002;  
COMMENT TAKEDA CHEMICAL INDUSTRIES LTD  
OS Artificial Sequence  
PN JP 2002335977-A/58  
PD 26-NOV-2002

PF 23-AUG-2001 JP 2001252855  
PI YASUKO TERAU, YASUSHI SHINTANI  
PC C12N15/09, A61K45/00, A61P1/04, A61P1/10, A61P1/12, A61P1/14, A61P1/  
PC 16, A61P1/18,  
PC A61P3/10, A61P9/10, A61P9/12, A61P11/00, A61P11/06, A61P13/06,  
02,  
PC A61P13/08, A61P15/04, A61P15/06, A61P15/08, A61P15/14, A61P25/00,  
PC A61P25/08,  
PC A61P25/28, A61P27/16, A61P29/00, A61P31/04, A61P37/08, A61P43/00,  
PC C07K14/705,  
PC C07K16/28, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12P21/02, C12Q1/  
PC 02, C12Q1/68,  
PC G01N33/15, G01N33/50, G01N33/53, G01N33/56//A61K31/7125 PC  
PC A61K31/713, A61K35/76,  
PC A61K48/00, C12N15/00, C12N5/00

CC Novel G protein coupled receptor protein and its DNA FH Key  
Location/Qualifiers  
FT source 1..20  
/organism='Artificial Sequence'.  
location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

FEATURES  
source  
FT  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1662 TGCAGGCTCCTGCAGCAGA 1680  
DB 2 TTCAGGCTCCTGCTTCA 20

RESULT 1257  
BD195136  
LOCUS BD195136 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Gene therapy for obesity.  
ACCESSION BD195136  
VERSION BD195136.1 GI:33004896  
KEYWORDS JP 2002514904-A/2.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
1 (bases 1 to 20)

REFERENCE Morisy, M.A., Gu, M.C., Zhao, J., Caskey, T.C. and Kochanet, S.  
AUTHORS Gene therapy for obesity  
TITLE Patent: JP 2002514904-A 2 21-MAY-2002;  
JOURNAL MERCK & CO INC, BAYLOR COLLEGE OF MEDICINE  
OS Artificial Sequence  
PN JP 2002514904-A/2  
PD 21-MAY-2002

PF 20-JUN-1997 JP 1998503193  
PR 20-JUN-1996 US 60/020813, 26-JUN-1996 GB 9615788.8 PR  
26-SEP-1996 US 60/020753  
PI MANUL A MORISY, MING CHENG GU, JING ZHAO, THOMAS C CASKEY, STEFAN  
PI KOCHANET  
PC C12N15/16, A61K48/00, A01M67/027, C12N15/86, C12N5/10, G01N33/50 CC  
PCR primer

FEATURES  
source  
FH Key 1..20  
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Location/Qualifiers  
1..20  
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/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4254 TTAGCAGCAAGTCTGAGG 4272  
DB 1 TCAGCAGCCAGGCTGAGG 19

RESULT 1258  
BD196020  
LOCUS BD196020 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Antisense oligonucleotide sequences as inhibitors of  
microorganisms.  
ACCESSION BD196020  
VERSION BD196020.1 GI:33005790  
KEYWORDS JP 2002514093-A/51.  
SOURCE Escherichia coli  
ORGANISM Escherichia coli  
Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales;  
Enterobacteriaceae; Escherichia.  
1 (bases 1 to 20)

REFERENCE Wright, J.A., Young, A.H. and Dugourd, D.  
AUTHORS Antisense oligonucleotide sequences as inhibitors of microorganisms  
TITLE Patent: JP 2002514093-A 51 14-MAY-2002;  
JOURNAL GENESENSE TECHNOLOGIES INC  
OS Escherichia coli  
PN JP 2002514093-A/51  
PD 14-MAY-2002

PF 10-JUL-1998 JP 199507930  
PR 10-JUL-1997 US 60/052160  
PI JIM A WRIGHT, ALPIING H YOUNG, DOMINIQUE DUGOURD PC  
C12N15/11, C12N15/31  
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microorganisms  
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5201 TGCAGAGGGAATGCACC 5219  
DB 2 TGTGAACGGAATGCAGCC 20

RESULT 1259  
BD227848  
LOCUS BD227848 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Antisense oligonucleotide regulation of expression of tumor  
necrosis factor-alpha (TNF-alpha).  
ACCESSION BD227848  
VERSION BD227848.1 GI:33037618  
KEYWORDS JP 2002526125-A/51.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
1 (bases 1 to 20)

REFERENCE Baker, B.F., Bennett, F.C., Butler, M.M. and Jr, W.J.S.  
AUTHORS Antisense oligonucleotide regulation of expression of tumor  
TITLE necrosis factor-alpha (TNF-alpha)  
JOURNAL Patent: JP 2002526125-A 51 20-AUG-2002;  
JOURNAL ISIS PHARMACEUTICALS INC  
OS Artificial Sequence

PN JP 2002526125-A/51  
PD 20-AUG-2002  
PR 05-OCT-1999 JP 2000574737  
PR 05-OCT-1998 US 09/166186,18-MAY-1999 US 09/313932 PI  
BRENDA F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI  
SHANAHAN JR  
PC C12N15/09,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/  
PC 00,A61P1/16,  
PC A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC  
C07H21/02,  
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Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 267 CCCCCTCTCTCTCTCT 285  
Db 2 CCGATCTCTCTCTCTCT 20

RESULT 1260  
BD227992 20 bp DNA linear PAT 17-JUL-2003  
LOCUS  
DEFINITION Antisense oligonucleotide regulation of expression of tumor  
necrosis factor-alpha (TNF-alpha).  
ACCESSION BD227992.1 GI:33037762  
VERSION JP 2002526125-A/195.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Bennett,F.C., Butler,M.M. and Jr,W.J.S.  
TITLE Antisense oligonucleotide regulation of expression of tumor  
necrosis factor-alpha (TNF-alpha)  
JOURNAL Patent: JP 2002526125-A 195 20-AUG-2002;  
COMMENT ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2002526125-A/195  
PD 20-AUG-2002  
PR 05-OCT-1999 JP 2000574737  
PR 05-OCT-1998 US 09/166186,18-MAY-1999 US 09/313932 PI  
BRENDA F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI  
SHANAHAN JR  
PC C12N15/09,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/  
PC 00,A61P1/16,  
PC A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC  
C07H21/02,  
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2209 ACAAGAGTGAGTCCCTT 2227  
Db 2 AGAAAAGCTGACACCTT 20

RESULT 1261  
BD228084 20 bp DNA linear PAT 17-JUL-2003  
LOCUS  
DEFINITION Antisense oligonucleotide regulation of expression of tumor  
necrosis factor-alpha (TNF-alpha).  
ACCESSION BD228084.1 GI:33037854  
VERSION JP 2002526125-A/287.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Bennett,F.C., Butler,M.M. and Jr,W.J.S.  
TITLE Antisense oligonucleotide regulation of expression of tumor  
necrosis factor-alpha (TNF-alpha)  
JOURNAL Patent: JP 2002526125-A 287 20-AUG-2002;  
COMMENT ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2002526125-A/287  
PD 20-AUG-2002  
PR 05-OCT-1999 JP 2000574737  
PR 05-OCT-1998 US 09/166186,18-MAY-1999 US 09/313932 PI  
BRENDA F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI  
SHANAHAN JR  
PC C12N15/09,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/  
PC 00,A61P1/16,  
PC A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC  
C07H21/02,  
PC C07H21/04,C12N15/00  
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1307 CCAAGTGAAGCCTGTG 1325  
Db 20 CCGAGTGAAGCCTGTAG 2

RESULT 1262  
BD228171 20 bp DNA linear PAT 17-JUL-2003  
LOCUS  
DEFINITION Antisense oligonucleotide regulation of expression of tumor  
necrosis factor-alpha (TNF-alpha).  
ACCESSION BD228171.1 GI:33037941  
VERSION JP 2002526125-A/374.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Bennett,F.C., Butler,M.M. and Jr,W.J.S.  
TITLE Antisense oligonucleotide regulation of expression of tumor  
necrosis factor-alpha (TNF-alpha)  
JOURNAL Patent: JP 2002526125-A 374 20-AUG-2002;  
COMMENT ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2002526125-A/374  
PD 20-AUG-2002

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PR 05-OCT-1999 JP 2000574737
PR 05-OCT-1998 US 09/166186,18-MAY-1999 US 09/313932 PI
BRENDIA F BAKER,FRANK C BENNETT,MADELINE M BUTLER,WILLIAM J PI
SHANAHAN JR
PC C12N15/09,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/
PC 00,A61P1/16,
PC A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P23/00,A61P31/00, PC
C07H21/02,
PC C07H21/04,C12N15/00
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FH Key
FT source
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source
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/organism="synthetic construct"
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Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 104 CTCCTCTGACGCTCCAGA 122
DB 20 CTCCTCAGATGTTCCAGA 2

RESULT 1263
BD228462
LOCUS BD228462 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Il-17 homologue polypeptide and its application to remedy.
ACCESSION BD228462.1 GI:33038232
VERSION BD228462.1
KEYWORDS JP 2002515246-A/57.
SOURCE unidentifed
ORGANISM unidentifed
REFERENCE 1 (bases 1 to 20)
AUTHORS Chen,T., Filvaroff,E., Goddard,A., Gurney,A.L., Li,H. and Wood,W.I.
TITLE Il-17 homologue polypeptide and its application to remedy
JOURNAL Patent: JP 2002515246-A 57 28-MAY-2002;
COMMENT OS: Unidentifed
PN JP 2002515246-A/57
PD 28-MAY-2002
PF 14-MAY-1999 JP 2000549734
PR 15-MAY-1998 US 60/085579,23-DEC-1998 US 60/113621 PI
JIAN CHEN,EILEEN FILVAROFF,AUDLEY GODDARD,AUSTIN L GURNEY, PI
HANZHONG LI,
PI WILLIAM I WOOD
PC C12N15/09,A61K38/21,A61K45/00,A61P19/00,C07K14/52,C07K16/24,
PC C07K19/00,
PC C12N1/19,C12N1/21,C12N5/10,C12P21/02,C12P21/08,C12Q1/00 PC
,C12Q1/68,C12N15/00,
PC A61K37/66,C12N5/00
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CC Topology: Linear;
CC Il-17 homologue polypeptide and its application to remedy FH
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DB 1 TGGGTGATGCTTGTCTGA 19

RESULT 1264
BD230134/c
LOCUS BD230134 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes.
ACCESSION BD230134.1 GI:33039904
VERSION BD230134
KEYWORDS JP 2002530091-A/3.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
REFERENCE 1 (bases 1 to 20)
AUTHORS Galibert,F. and Andre,C.
TITLE Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes
JOURNAL PATENT: JP 2002530091-A 3 17-SEP-2002;
COMMENT OS: Canis familiaris (dog)
PN JP 2002530091-A/3
PD 17-SEP-2002
PF 15-NOV-1999 JP 2000582596
PR 13-NOV-1998 US 60/108193
PI FRANCIS GALIBERT,CATHERINE ANDRE
PC C12N15/09,C12Q1/68,C12N15/00
CC Ren01E05
FH Key
FT source
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Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2811 AATGAAGAAGAGTGGAG 2829
DB 20 AATGAGCAGAGTGTGATG 2

RESULT 1265
BD230416
LOCUS BD230416 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes.
ACCESSION BD230416.1 GI:33040186
VERSION BD230416.1
KEYWORDS JP 2002530091-A/285.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
REFERENCE 1 (bases 1 to 20)
AUTHORS Galibert,F. and Andre,C.
TITLE Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes
JOURNAL PATENT: JP 2002530091-A 285 17-SEP-2002;
COMMENT OS: Canis familiaris (dog)
PN JP 2002530091-A/285
PD 17-SEP-2002
PF 15-NOV-1999 JP 2000582596
PR 13-NOV-1998 US 60/108193
PI FRANCIS GALIBERT,CATHERINE ANDRE
PC C12N15/09,C12Q1/68,C12N15/00

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CC A0566 Location/Qualifiers  
FH Key 1..20 /organism='Canis familiaris (dog)'.  
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Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 4816 CAGCTCTATCTTCAGTG 4834  
|||||  
1 CAGCTCCAAATCTCTTGG 19

RESULT 1266  
BD230765 20 bp DNA linear PAT 17-JUL-2003  
LOCUS  
DEFINITION Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.  
ACCESSION BD230765.1 GI:33040535  
VERSION JP 2002530091-A/634.  
KEYWORDS Canis familiaris (dog)  
SOURCE Canis familiaris  
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.  
1 (bases 1 to 20)  
Galibert,P. and Andre,C.  
Total genome radiation hybrid map of canine genome and its use for identification of interesting genes  
Patent: JP 2002530091-A 634 17-SEP-2002;  
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE  
OS Canis familiaris (dog)  
PN JP 2002530091-A/634  
PD 17-SEP-2002  
PF 15-NOV-1999 JP 2000582596  
PR 13-NOV-1998 US 60/108193  
PI FRANCIS GALIBERT, CATHERINE ANDRE  
PC C12N15/09, C12Q1/68, C12N15/00  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 270 CTCTCTCTCTCTCTCTC 288  
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2 CCTCTCCTCTCTCTCTC 20

RESULT 1267  
BD251864 20 bp DNA linear PAT 17-JUL-2003  
LOCUS  
DEFINITION RING finger protein ZAP03.  
ACCESSION BD251864  
VERSION BD251864.1 GI:33061634  
KEYWORDS JP 2002530061-A/18.  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Venezia,D. and Grossmann,A.  
TITLE RING finger protein ZAP03  
JOURNAL Patent: JP 2002530061-A 18 17-SEP-2002;  
COMMENT ZYMOGENETICS INC  
OS Artificial Sequence  
PN JP 2002530061-A/18  
PD 17-SEP-2002  
PF 04-NOV-1999 JP 2000582416  
PR 12-NOV-1998 US 09/191500  
PI DOMENICK VENEZIA, ANGELIKA GROSSMANN  
PC C12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12P21/02, C12Q1/02, C12P21/08, C12N15/00, C12N5/00 CC  
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Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 4140 CCTCTCCCGGACCTCTG 4158  
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2 CCTCTACCTGACCTGCTG 20

RESULT 1268  
BD268714 20 bp DNA linear PAT 17-JUL-2003  
LOCUS  
DEFINITION Inhibitors for use in hemostasis and immune function.  
ACCESSION BD268714  
VERSION BD268714.1 GI:33078482  
KEYWORDS JP 2002537270-A/7.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
1 (bases 1 to 20)  
Sheppard,P.O., Laesser,G.W. and Bishop,P.D.  
Inhibitors for use in hemostasis and immune function  
Patent: JP 2002537270-A 7 05-NOV-2002;  
ZYMOGENETICS INC  
OS Artificial Sequence  
PN JP 2002537270-A/7  
PD 05-NOV-2002  
PF 17-FEB-2000 JP 2000599415  
PR 19-FEB-1999 US 09/253604, 22-NOV-1999 US 09/444794 PI  
PAUL, O SHEPPARD, GERALD W LASSEER, PAUL D BISHOP PC  
A61K38/00, A61P/04, A61P9/08, A61P9/10, A61P7/02, A61P3/00// PC  
A61K39/95,  
CC A61K39/395, A61K45/00, C07K14/47, C12N15/09, A61K37/02, C12N15/00  
PC Oligonucleotide ZC13532  
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FT source  
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Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 2492 GACAGGATGAGTACAC 2510

Db 1 GAGAGGGCTGAGAGAACAC 19

RESULT 1269

BD272732 20 bp DNA linear PAT 17-JUL-2003  
 LOCUS Antisense oligonucleotide modulation of STAT3 expression.  
 DEFINITION BD272732.1 GI:33082500  
 ACCESSION BD272732.1  
 VERSION JP 2002541784-A/132.  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1 (bases 1 to 20)  
 AUTHORS Karas, J.G.  
 TITLE Antisense oligonucleotide modulation of STAT3 expression  
 JOURNAL Patent: JP 2002541784-A 132 10-DEC-2002;  
 ISIS PHARMACEUTICALS INC  
 COMMENT OS Artificial Sequence  
 PN JP 2002541784-A/132  
 PD 10-DEC-2002  
 PF 06-APR-2000 JP 2000611544  
 PR 08-APR-1999 US 09/288461  
 PI JAMES G KARAS  
 PC C12N15/09, A61K31/711, A61K48/00, A61P29/00, A61P29/00, A61P35/00,  
 PC A61P37/02,  
 PC A61P43/00, C12N5/06, C12Q1/02, C12N15/00, C12N5/00 CC Antisense  
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QY 5027 TGGGCTCTTGTTCCAG 5045  
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RESULT 1270

CQ753210 20 bp DNA linear PAT 01-MAR-2004  
 LOCUS Sequence 37 from Patent WO2004001032.  
 DEFINITION CQ753210  
 ACCESSION CQ753210  
 VERSION CQ753210.1 GI:44844686  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Vogels, R., Havenga, M.J. and Zuidgeest, D.A.  
 TITLE Stable adenoviral vectors and methods for propagation thereof  
 JOURNAL Patent: WO 2004001032-A 37 31-DEC-2003;  
 Cruce11 Holland B.V. (NL)  
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QY 908 GACTGCCAGCTCTGTGAG 926  
 Db 1 GAAAGCCAGCTCTATGAG 19

RESULT 1271

CQ754272 20 bp DNA linear PAT 01-MAR-2004  
 LOCUS Sequence 10 from Patent WO2004001069.  
 DEFINITION CQ754272  
 ACCESSION CQ754272  
 VERSION CQ754272.1 GI:44845528  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Dupuis, L., di Scala, F., de Tapia, M., Larnet, Y., Loeffler, J.P.,  
 Gonzalez de Aguilera, V.L., Boucillier, A.L., Gaidon, C. and Rene, F.  
 TITLE Compositions and methode for detecting pathologies affecting  
 neuromuscular transmission  
 JOURNAL Patent: WO 2004001069-A 10 31-DEC-2003;  
 Universite Louis Pasteur de Strasbourg (FR)  
 FEATURES location/Qualifiers  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
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QY 5155 CATGCGAATTAATGTAG 5173  
 2 CATGCGAATTAATGTAG 20

RESULT 1272  
 CQ758897 20 bp DNA linear PAT 01-MAR-2004  
 LOCUS Sequence 21 from Patent WO2003104489.  
 DEFINITION CQ758897  
 ACCESSION CQ758897  
 VERSION CQ758897.1 GI:44848901  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Platzner, M., Platzner, C., Gudermann, T., Hebebrand, J., Hinney, A. and  
 Reichwald, K.  
 TITLE Mchri variant associated with human obesity  
 JOURNAL Patent: WO 2003104489-A 21 18-DEC-2003;  
 Philippe-Universitaet Marburg (DE)  
 FEATURES location/Qualifiers  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
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QY 1038 CCAAGAGACATCTTAAG 1056  
 2 CCAAGAGATGATCTTGAG 20

RESULT 1273  
 CQ759026 20 bp DNA linear PAT 01-MAR-2004  
 LOCUS



DEFINITION Sequence 150 from Patent WO2003104489.  
ACCESSION CQ759026  
VERSION CQ759026.1 GI:44849030  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1  
AUTHORS Platzzer,M., Platzzer,C., Gudermann,T., Hebebrand,J., Hinney,A. and Reichwald,K.  
TITLE Mchrl variant associated with human obesity  
JOURNAL Patent: WO 2003104489-A 150 18-DEC-2003;  
Philipp-Universitaet Marburg (DE)  
FEATURES  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1038 CCAGAGAGCATCTTAAGG 1056  
DB 2 CCAGAGAGCATCTTAAGG 20

RESULT 1274  
LOCUS CQ759620 20 bp DNA linear PAT 01-MAR-2004  
DEFINITION Sequence 50 from Patent WO2003106672.  
ACCESSION CQ759620  
VERSION CQ759620.1 GI:44849570  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1  
AUTHORS Hayashizaki,Y., Carinci,P. and Harbers,M.T.  
TITLE Method of utilizing the 5' end of transcribed nucleic acid regions for cloning and analysis  
JOURNAL Patent: WO 2003106672-A 50 24-DEC-2003;  
Riken (JP); Kabushiki Kaisha Dnaform (JP)  
FEATURES  
source  
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/note="tag8"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3951 CCGGCGGTGCTGCACCTCC 3969  
DB 19 CCGGCGGTGCTGCACCTCC 1

RESULT 1275  
LOCUS CQ761468 20 bp DNA linear PAT 03-MAR-2004  
DEFINITION Sequence 86 from Patent WO2004003201.  
ACCESSION CQ761468  
VERSION CQ761468.1 GI:44904704  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1  
AUTHORS Kane,C.D.  
TITLE  
JOURNAL  
FEATURES  
source  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Human LRHI antisense"

TITLE Antisense modulation of lrhl expression  
JOURNAL Patent: WO 2004003201-A 86 08-JAN-2004;  
Pharmacia Corporation (US)  
FEATURES  
source  
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/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Human LRHI antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1618 GGAAGAAATATGTTTGC 1636  
DB 20 GGAAGAAATATGTTTGC 2

RESULT 1276  
LOCUS CQ761504 20 bp DNA linear PAT 03-MAR-2004  
DEFINITION Sequence 122 from Patent WO2004003201.  
ACCESSION CQ761504  
VERSION CQ761504.1 GI:44904740  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1  
AUTHORS Kane,C.D.  
TITLE Antisense modulation of lrhl expression  
JOURNAL Patent: WO 2004003201-A 122 08-JAN-2004;  
Pharmacia Corporation (US)  
FEATURES  
source  
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/note="Human LRHI antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2801 GGAAGGAGAAATGAGAA 2819  
DB 19 GGAAGGAGAAATGAGAA 1

RESULT 1277  
LOCUS CQ761619 20 bp DNA linear PAT 03-MAR-2004  
DEFINITION Sequence 237 from Patent WO2004003201.  
ACCESSION CQ761619  
VERSION CQ761619.1 GI:44904855  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1  
AUTHORS Kane,C.D.  
TITLE Antisense modulation of lrhl expression  
JOURNAL Patent: WO 2004003201-A 237 08-JAN-2004;  
Pharmacia Corporation (US)  
FEATURES  
source  
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/db\_xref="taxon:32630"  
/note="Human LRHI antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1618 GGAGAGATATGTTTGC 1636

Db 19 GGAGAGATATGTTGGC 1

## RESULT 1278

LOCUS CQ761650 20 bp DNA linear PAT 03-MAR-2004

DEFINITION Sequence 268 from Patent WO2004003201.

ACCESSION CQ761650

VERSION CQ761650.1 GI:44904886

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1 Kane, C.D.

Antisense modulation of ltr1 expression

Patent: WO 2004003201-A 268 08-JAN-2004;

Pharmacia Corporation (US)

Location/Qualifiers

1. .20

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2801 GGAGAGAAATGAGAA 2819

Db 20 GGAGAGAAACGAGAGAA 2

## RESULT 1279

LOCUS CQ762451 20 bp DNA linear PAT 03-MAR-2004

DEFINITION Sequence 1069 from Patent WO2004003201.

ACCESSION CQ762451

VERSION CQ762451.1 GI:44905687

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1 Kane, C.D.

Antisense modulation of ltr1 expression

Patent: WO 2004003201-A 1069 08-JAN-2004;

Pharmacia Corporation (US)

Location/Qualifiers

1. .20

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1906 AACACTCCTGCAGAAAT 1924

Db 2 AAGACTTCCTGCCAGAAAT 20

## RESULT 1280

LOCUS CQ762582 20 bp DNA linear PAT 03-MAR-2004

DEFINITION Sequence 1200 from Patent WO2004003201.

ACCESSION CQ762582

VERSION CQ762582.1 GI:44905818

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1 Kane, C.D.

Antisense modulation of ltr1 expression

Patent: WO 2004003201-A 1200 08-JAN-2004;

Pharmacia Corporation (US)

Location/Qualifiers

1. .20

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/db\_xref="taxon:32630"

/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1906 AACACTCCTGCAGAAAT 1924

Db 1 AAGACTTCCTGCCAGAAAT 19

## RESULT 1281

LOCUS CQ763728 20 bp DNA linear PAT 03-MAR-2004

DEFINITION Sequence 2346 from Patent WO2004003201.

ACCESSION CQ763728

VERSION CQ763728.1 GI:44906964

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1 Kane, C.D.

Antisense modulation of ltr1 expression

Patent: WO 2004003201-A 2346 08-JAN-2004;

Pharmacia Corporation (US)

Location/Qualifiers

1. .20

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/db\_xref="taxon:32630"

/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4650 GGAGCTGAAGAGTGGGT 4668

Db 19 GGAGATAAAGTGTGGGT 1

## RESULT 1282

LOCUS CQ764316 20 bp DNA linear PAT 03-MAR-2004

DEFINITION Sequence 2934 from Patent WO2004003201.

ACCESSION CQ764316

VERSION CQ764316.1 GI:44907552

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1 Kane, C.D.

Antisense modulation of ltr1 expression

Patent: WO 2004003201-A 2934 08-JAN-2004;

Pharmacia Corporation (US)  
Location/Qualifiers  
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/db\_xref="taxon:32630"  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4651 GAGCTGAAGCTCTGGTA 4669  
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20 GAGATAAAGTCTCTGGTA 2

Db 20 GAGATAAAGTCTCTGGTA 2

RESULT 1283  
LOCUS CQ764695 20 bp DNA  
DEFINITION Sequence 3313 from Patent WO2004003201.  
ACCESSION CQ764695  
VERSION CQ764695.1 GI:44907931  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1  
AUTHORS Kane,C.D.  
TITLE Antisense modulation of lrlh1 expression  
JOURNAL Patent: WO 2004003201-A 3313 08-JAN-2004;  
Pharmacia Corporation (US)  
Location/Qualifiers  
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/organism="synthetic construct"  
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/db\_xref="taxon:32630"  
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4418 TAAATATTTTATATATAT 4436  
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2 TAAATATCTGATATATAGT 20

Db 2 TAAATATCTGATATATAGT 20

RESULT 1284  
LOCUS CQ764717/c 20 bp DNA  
DEFINITION Sequence 3335 from Patent WO2004003201.  
ACCESSION CQ764717  
VERSION CQ764717.1 GI:44907953  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1  
AUTHORS Kane,C.D.  
TITLE Antisense modulation of lrlh1 expression  
JOURNAL Patent: WO 2004003201-A 3335 08-JAN-2004;  
Pharmacia Corporation (US)  
Location/Qualifiers  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Pharmacia Corporation (US)  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2736 AAGTCCAGACCAATTTCT 2754  
|||||  
19 AAGTCATAGACCAATTTCT 1

Db 19 AAGTCATAGACCAATTTCT 1

RESULT 1285  
LOCUS CQ764738 20 bp DNA  
DEFINITION Sequence 3356 from Patent WO2004003201.  
ACCESSION CQ764738  
VERSION CQ764738.1 GI:44907974  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1  
AUTHORS Kane,C.D.  
TITLE Antisense modulation of lrlh1 expression  
JOURNAL Patent: WO 2004003201-A 3356 08-JAN-2004;  
Pharmacia Corporation (US)  
Location/Qualifiers  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4418 TAAATATTTTATATATAT 4436  
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1 TAAATATATCTGATATATAGT 19

Db 1 TAAATATATCTGATATATAGT 19

RESULT 1286  
LOCUS CQ764765/c 20 bp DNA  
DEFINITION Sequence 3383 from Patent WO2004003201.  
ACCESSION CQ764765  
VERSION CQ764765.1 GI:44908001  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1  
AUTHORS Kane,C.D.  
TITLE Antisense modulation of lrlh1 expression  
JOURNAL Patent: WO 2004003201-A 3383 08-JAN-2004;  
Pharmacia Corporation (US)  
Location/Qualifiers  
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/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2736 AAGTCCAGACCAATTTCT 2754  
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20 AAGTCATAGACCAATTTCT 2

Db 20 AAGTCATAGACCAATTTCT 2

RESULT 1287  
LOCUS CQ764853 20 bp DNA  
DEFINITION Sequence 9 from Patent EPI382345.  
ACCESSION CQ764853

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VERSION	KEYWORDS	GI:44908080			
SOURCE	synthetic construct				
ORGANISM	synthetic construct				
REFERENCE	artificial sequences.				
AUTHORS	1				
TITLE	Sheppard, P.O., Lasser, G.W. and Bishop, P.D.				
JOURNAL	Uses of inhibitors of hemostasis				
	Patent: EP 1382345-A 9 21-JAN-2004;				
FEATURES	Zymogenetics Inc (US)				
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Py	2492 GACAGCGATGAAGTACAAC 2510				
	1 GAGAGCGCTGAAGACAAAC 19				
RESULT 1288					
LOCUS	CQ771690	20 bp	DNA	linear	PAT 04-MAR-2004
DEFINITION	Sequence 117 from Patent WO2003100423.				
ACCESSION	CQ771690				
VERSION	CQ771690.1 GI:45125680				
KEYWORDS					
SOURCE					
ORGANISM	Homo sapiens (human)				
	Homo sapiens				
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
	Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.				
REFERENCE	1				
AUTHORS	Cuzin, M., Mandrand, B., Cleuziat, P. and Abaibou, H.				
TITLE	Better organised biochip				
JOURNAL	Patent: WO 2003100423-A 117 04-DEC-2003;				
	Apbio (FR)				
FEATURES	Location/Qualifiers				
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Query Match	0.3%; Score 14.2; DB 1;	Length 20;			
Best Local Similarity	84.2%; Pred. No. 1.1e+03;				
Matches	16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;				
Py	496 GGAGGCCACGCCCCACCAT 514				
	20 GGAGGCCATCTCACCAT 2				
RESULT 1289					
LOCUS	CQ794183	20 bp	DNA	linear	PAT 19-APR-2004
DEFINITION	Sequence 103 from Patent EP1403384.				
ACCESSION	CQ794183				
VERSION	CQ794183.1 GI:46406825				
KEYWORDS					
SOURCE					
ORGANISM	synthetic construct				
	synthetic construct				
	artificial sequences.				
REFERENCE	1				
AUTHORS	Meijer, C.J. and Snijders, P.J.				
TITLE	Method for detecting and typing of cutaneous HPV and primers and				
JOURNAL	probes for use therein				
	Patent: EP 1403384-A 103 31-MAR-2004;				
	Stichting Researchfonds Pathologie (NL)				

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FEATURES
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Query Match
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OY
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LOCUS
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    DEFINITION
        Sequence 103 from Patent WO2004029302.
    ACCESSION
        CO800152
    VERSION
        CO800152.1 GI:46849072
    KEYWORDS
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        artificial sequences.
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        1
        Meijer,C.J. and Snijders,P.J.
        Method for detecting and typing of cutaneous hrp and primers and
        probes for use therein
        Patent: WO 2004029302-1 103 08-APR-2004;
        Stiching Researchfonds Pathologie (NL)
    JOURNAL
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                /db_xref="taxon:32630"
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FEATURES
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        Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY
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    ||||| |||||
    20 TCCTCTAAAGAGCGAAT 2

LOCUS
    CO809659/c
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        Sequence 36 from Patent WO2004022066.
    ACCESSION
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    VERSION
        CO809659.1 GI:47115035
    KEYWORDS
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    SOURCE
        synthetic construct
    ORGANISM
        synthetic construct
        artificial sequences.
    REFERENCE
        1
        Borlak,J. and Thum,T.
        Method and means for the treatment of vascular and cardiac diseases
        Patent: WO 2004022066-A 36 18-MAY-2004;
        Frumhofer-Gesellschaft zur Foerderung der angewandten For schung
        e.V. (DE)
    JOURNAL
        Location/Qualifiers
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                /mol_type="unassigned DNA"
                /db_xref="taxon:32630"
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                Reverse Primer (5'- 3')"

FEATURES
SOURCE
    Query Match
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Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2280 CGTGTGATCTGCTACT 2298

Db 19 CTGTGTGATCTGCTCTCT 1

## RESULT 1292

LOCUS E37821 20 bp DNA linear PAT 05-JUN-2004

DEFINITION Sequence 1 from Patent WO2004053116.

ACCESSION E37821

VERSION C0829820.1 GI:49732945

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

TECHNISCHE UNIVERSITÄT DRESDEN (DE)

Location/Qualifiers

1. .20

/organism="synthetic construct"

/mol\_type="unassigned DNA"

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/note="Beschreibung der k nstlichen Sequenz"

anti-hTERT-AS-Konstrukt"

Query Match

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1827 GACTACATCCCGCATGACA 1845

Db 19 GACACCATCCCGCAGACA 1

## RESULT 1293

LOCUS E36639 20 bp DNA linear PAT 31-JUN-2002

DEFINITION DNA and plasmid containing the same.

ACCESSION E36639

VERSION E36639.1 GI:18624744

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

YS NEW TECHNOLOGY LAB

OS Artificial Sequence

PN JP 2000157283-A/5

PD 13-JUN-2000

PF 20-NOV-1998 JP 1998347862

PR

PI KUNHIKO KODAIRA, YASUKO KODAIRA, MASAMI MIWA

PC C12N15/09, C12N5/10, C12N15/09, C12R1:91, C12N5/10, C12R1:91,

PC C12N15/00, C12N5/00, C12R1:91, C12N5/00, C12R1:91 CC

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PC C12N5/00, C12N15/00, C12R1:91, C12N5/00, C12R1:91 CC

PC C12N5/00, C12N15/00, C12R1:91, C12N5/00, C12R1:91 CC

Query Match

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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1015 AAGCATGACACCACTGG 1033

Db 1 AATGAGGAGACACCACTGG 19

## RESULT 1294

LOCUS E37821 20 bp DNA linear PAT 18-JUN-2001

DEFINITION Human delta-3.

ACCESSION E37821

VERSION E37821.1 GI:13017493

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

ASAHI CHEM IND CO LTD

OS Artificial Sequence

PN JP 1999299493-A/5

PD 02-NOV-1999

PF 17-FEB-1999 JP 1999038139

PR

PI SEIJI SAKANO, MAKOTO ENOMOTO

PC C12N15/09, A61K31/00, A61K31/00, C07K14/52, C07K16/24, C12N5/10, PC

C12P21/02, C12N15/09, A61K38/00, C12N15/09, C12R1:91, C12N5/10, C12R1:91,

PC A61K35/14, A61K38/00, C12N15/09, C12R1:91, C12N5/00, A61K37/02, C12N15/00,

PC C12P21/02, C12R1:91, C12N15/00, A61K37/02, C12N15/00,

PC C12R1:91, C12N15/00, C12R1:91

CC C12N5/00, C12R1:91

CC C12N5/00, C12R1:91

CC C12N5/00, C12R1:91

CC C12N5/00, C12R1:91

CC C12N5/00, C12R1:91

CC C12N5/00, C12R1:91

CC C12N5/00, C12R1:91

CC C12N5/00, C12R1:91

CC C12N5/00, C12R1:91

CC C12N5/00, C12R1:91

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PD 16-NOV-1999  
PF 23-MAR-1999 JP 1999078572  
PR KAZUMA TOMIZUKA, HITOSHI YOSHIDA, KAZUNORI HANAOKA, PI MITSUO  
OSHIMURA,  
PI ISAO ISHIDA  
PC A01K67/027, C12N5/10, C12N15/02, C12P21/08, C12N5/00, C12N15/00 CC

PH Key Location/Qualifiers  
FT source 1..20  
FT Location/Qualifiers  
1..20  
/organism="Artificial Sequence".  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

FEATURES  
source

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1740 TGGAACTGGGTACGCC 1758  
|||||  
Db 1 TGGAACTGGGTACGCC 19

RESULT 1296  
LOCUS E63489 20 bp DNA linear PAT 27-AUG-2002  
DEFINITION Non-human animal having modified foreign chromosomal or slice thereof.  
ACCESSION E63489  
VERSION E63489.1 GI:22557598  
KEYWORDS JP 2001231403-A/21.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
1 (bases 1 to 20)  
REFERENCE Tomizuka, K., Yoshida, H., Ishida, I. and Kuroiwa, Y.  
AUTHORS Non-human animal having modified foreign chromosomal or slice  
TITLE Patent: JP 2001231403-A 21 28-AUG-2001;  
JOURNAL KIRIN BEER KK  
COMMENT OS Artificial Sequence  
PN JP 2001231403-A/21  
PD 28-AUG-2001  
PF 18-FEB-2000 JP 2000042074  
PI KAZUMA TOMIZUKA, HITOSHI YOSHIDA, ISAO ISHIDA, YOSHIMI KUROIWA PC  
A01K67/027, C12N5/10, C12N15/09// (C12N5/10, C12R1:91), (C12N15/09, PC  
C12R1:91),  
PC C12N5/00, C12N15/00, (C12N5/00, C12R1:91), (C12N15/00, C12R1:91) CC  
Description of Artificial Sequence: "Primer  
FH Key Location/Qualifiers  
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FEATURES  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1740 TGGAACTGGGTACGCC 1758  
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Db 1 TGGAACTGGGTACGCC 19

RESULT 1297  
LOCUS I13808 20 bp DNA linear PAT 26-SEP-1995  
DEFINITION Sequence 16 from patent US 5442049.  
ACCESSION I13808  
VERSION I13808.1 GI:996238

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 20)  
AUTHORS Anderson, K., Draper, K. and Baker, B.  
TITLE Oligonucleotides for modulating the effects of cytomegalovirus infections  
JOURNAL Patent: US 5442049-A 16 15-AUG-1995;  
FEATURES Location/Qualifiers  
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/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 664 ACACTTACGAGATTCTGCC 682  
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Db 2 AGACTTACCGAGATTCTGCC 20

RESULT 1298  
LOCUS I13873 20 bp DNA linear PAT 26-SEP-1995  
DEFINITION Sequence 81 from patent US 5442049.  
ACCESSION I13873  
VERSION I13873.1 GI:996303  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
1 (bases 1 to 20)  
REFERENCE Anderson, K., Draper, K. and Baker, B.  
AUTHORS Oligonucleotides for modulating the effects of cytomegalovirus infections  
TITLE Patent: US 5442049-A 81 15-AUG-1995;  
JOURNAL Location/Qualifiers  
1..20  
source /organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 664 ACACTTACGAGATTCTGCC 682  
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Db 19 AGACTTACCGAGATTCTGCC 1

RESULT 1299  
LOCUS I17527 20 bp DNA linear PAT 07-OCT-1996  
DEFINITION Sequence 5 from patent US 5491064.  
ACCESSION I17527  
VERSION I17527.1 GI:1597882  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
1 (bases 1 to 20)  
REFERENCE Iichy, J.H. and Howley, P.M.  
AUTHORS HTS-1 gene, a human tumor suppressor gene  
TITLE Patent: US 5491064-A 5 13-FEB-1996;  
JOURNAL Location/Qualifiers  
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source /organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;



Db 1 GATGATGCGCGGATGGC 19

RESULT 1305

LOCUS 172491 20 bp DNA linear PAT 03-APR-1998

DEFINITION Sequence 75 from patent US 5683987.

ACCESSION 172491

VERSION 172491.1 GI:3008630

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Smith,L.J.

TITLE Therapeutic oligonucleotides targeting the human MDR1 and MRP genes

JOURNAL Patent: US 5683987-A 75 04-NOV-1997;

FEATURES

source

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/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3711 GCTGATGCGCGGAGGGC 3729

Db 2 GATGATGCGCGGATGGC 20

RESULT 1306

LOCUS 187141 20 bp DNA linear PAT 10-JUN-1998

DEFINITION Sequence 37 from patent US 5703054.

ACCESSION 187141

VERSION 187141.1 GI:3206859

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Bennett,C.Frank, and Dean,N.

TITLE Oligonucleotide modulation of protein kinase C

JOURNAL Patent: US 5703054-A 37 30-DEC-1997;

FEATURES

source

1. 20

/organism="unknown"

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Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGGCAGCAAGGACGCTG 3002

Db 1 GGCCCGAGAAAGTACGAG 19

RESULT 1307

LOCUS AR182729 20 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 37 from patent US 6339066.

ACCESSION AR182729

VERSION AR182729.1 GI:20225936

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Bennett,C.Frank., Dean,N.M., Cook,P.Dan. and Hoke,G.

TITLE Antisense oligonucleotides which have phosphorothioate linkages of high chiral purity and which modulate .beta.I., .beta.II., .gamma.,

.delta., .EPSILON., .zeta. and .eta. isoforms of human protein kinase C

JOURNAL Patent: US 6339066-A 37 15-JAN-2002;

FEATURES

source

1. 20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGGCAGCAAGGACGCTG 3002

Db 1 GGCCCGAGAAAGTACGAG 19

RESULT 1308

LOCUS AR183979 20 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 14 from patent US 6342392.

ACCESSION AR183979

VERSION AR183979.1 GI:20227948

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Marchetti,A., Buttitte,F., Smith,G.H. and Callahan,R.

TITLE Nucleotide and deduced amino acid sequences of tumor gene Int6

JOURNAL Patent: US 6342392-A 14 29-JAN-2002;

FEATURES

source

1. 20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3810 AAGAGCCAGGAAGCCCA 3828

Db 2 AAGAACCAAGGAGATCTTA 20

RESULT 1309

LOCUS AR201438 20 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 20 from patent US 6359124.

ACCESSION AR201438

VERSION AR201438.1 GI:202252326

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Ecker,D.J., Cook,P.Dan., Montu,B.P., Freier,S.M. and Sanghvi,Y.S.

TITLE Antisense inhibition of ras gene with chimeric and alternating oligonucleotides

JOURNAL Patent: US 6359124-A 20 19-MAR-2002;

FEATURES

source

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/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 217 GCGCGGCGCGCTGCGAG 235

Db 19 GCGCGGCGCGCGAGGCGAG 1



RESULT 1310  
AR208765/c  
LOCUS AR208765 20 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 64 from patent US 6383808.  
ACCESSION AR208765  
VERSION AR208765.1 GI:21510005  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Monia,B.P. and Freier,S.M.  
TITLE Antisense inhibition of clusterin expression  
JOURNAL Patent: US 6383808-A 64 07-MAY-2002;  
FEATURES  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 746 GCTGACGAGCTCATCGAG 764  
Db 20 GCTGACGAGCTGAACGAG 2

RESULT 1311  
AR210912  
LOCUS AR210912 20 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 12 from patent US 6391551.  
ACCESSION AR210912  
VERSION AR210912.1 GI:21513766  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Shultz,J.William., Lewis,M.K., Leippe,D., Mandrekar,M., Kephart,D.,  
Rhodes,R.Byron., Andrews,C.Ann., Hartnett,J.Robert., Gu,T.,  
Olson,R.J., Wood,K.V. and Welch,R.  
TITLE Detection of nucleic acid hybrids  
JOURNAL Patent: US 6391551-A 12 21-MAY-2002;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCGCTGAACAGCA 367  
Db 2 CAGAGTACTGTAACAGCA 20

RESULT 1312  
AR212058  
LOCUS AR212058 20 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 25 from patent US 639379.  
ACCESSION AR212058  
VERSION AR212058.1 GI:21515543  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F. and Freier,S.M.  
TITLE Antisense modulation of interleukin 12 p35 subunit expression  
JOURNAL Patent: US 639379-A 25 04-JUN-2002;

FEATURES  
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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4584 TTGGAGGGGTGAAGCAT 4602  
Db 2 TTGGAGGTGTGAAGCAT 20

RESULT 1313  
AR215787  
LOCUS AR215787 20 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 102 from patent US 6410324.  
ACCESSION AR215787  
VERSION AR215787.1 GI:23314043  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.F. and Watt,A.T.  
TITLE Antisense modulation of tumor necrosis factor receptor 2 expression  
JOURNAL Patent: US 6410324-A 102 25-JUN-2002;  
FEATURES  
source  
1. .20  
/organism="unknown"  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2331 CAGCAGCATGCCAGACC 2349  
Db 1 CAGCTGCAGTTCGAAGACC 19

RESULT 1314  
AR215881/c  
LOCUS AR215881 20 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 22 from patent US 6410325.  
ACCESSION AR215881  
VERSION AR215881.1 GI:23314137  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.F., Freier,S.M. and Watt,A.T.  
TITLE Antisense modulation of phospholipase A2, group VI  
JOURNAL Patent: US 6410325-A 22 25-JUN-2002;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 36 CCGCAGAAGAACACTTCT 54  
Db 20 CCGCAGAAGATCGAGTTCT 2

RESULT 1315  
AR216166

LOCUS AR216166 20 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 16 from patent US 6410708.  
ACCESSION AR216166  
VERSION AR216166.1 GI:233314521  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Aehkenazi,A., Pong,S., Goddard,A., Gurney,A.L., Napier,M.A.,  
TITLE Thomas,D. and Wood,M.I.  
JOURNAL Nucleic acids encoding A-33 related antigen polypeptides  
FEATURES  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTTTCAGGTGCTA 2719  
Db 1 TTGGCTTACTCAGGTGCTA 19

RESULT 1316  
LOCUS AR224088 20 bp DNA linear PAT 26-SEP-2002  
DEFINITION Sequence 20 from patent US 6440697.  
ACCESSION AR224088  
VERSION AR224088.1 GI:23332746  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Venezia,D. and Grossmann,A.  
TITLE Ring finger protein zapop3  
JOURNAL Patent: US 6440697-A 20 27-AUG-2002;  
FEATURES  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4140 CCTCTCCCGGACCTCCTG 4158  
Db 2 CTTCTCAGCTGAGCTGCTG 20

RESULT 1317  
LOCUS AR224519 20 bp DNA linear PAT 26-SEP-2002  
DEFINITION Sequence 64 from patent US 6440737.  
ACCESSION AR224519  
VERSION AR224519.1 GI:23333359  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Freier,S.M.  
TITLE Antisense modulation of cellular apoptosis susceptibility gene  
JOURNAL Patent: US 6440737-A 64 27-AUG-2002;  
FEATURES  
source 1..20  
/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2643 GTCACTTCCGAGTTTGCT 2661  
Db 20 CTCACCTTCACAGTTGCT 2

RESULT 1318  
LOCUS AR224591 20 bp DNA linear PAT 26-SEP-2002  
DEFINITION Sequence 50 from patent US 6440738.  
ACCESSION AR224591  
VERSION AR224591.1 GI:23333431  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Wyatt,J.  
TITLE Antisense modulation of casein kinase 2-beta expression  
JOURNAL Patent: US 6440738-A 50 27-AUG-2002;  
FEATURES  
source 1..20  
/organism="unknown"  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2998 AGCTGCCATCTACAGCC 3016  
Db 2 AGCTGCTCATCTTCAGCTC 20

RESULT 1319  
LOCUS AR228933 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 33 from patent US 6448080.  
ACCESSION AR228933  
VERSION AR228933.1 GI:27268075  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Ward,D.T. and Watt,A.T.  
TITLE Antisense modulation of WRN expression  
JOURNAL Patent: US 6448080-A 33 10-SEP-2002;  
FEATURES  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 345 CTCACAGCGCCTGAAC 363  
Db 20 CTCACAGGAGCAGAAAC 2

RESULT 1320  
LOCUS AR229111 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 9 from patent US 6448221.  
ACCESSION AR229111  
VERSION AR229111.1 GI:27268256

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Shepard, P.O., Lasser, G.W. and Bishop, P.D.  
TITLE Methods of promoting blood flow within the vasculature of a mammal  
JOURNAL Patent: US 6448221-A 9 10-SEP-2002;  
FEATURES location/Qualifiers  
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/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2492 GACAGCGATGAGTACAC 2510  
Db 1 GAGAGCGCTGAAGAACAC 19

RESULT 1321  
AR230918/c  
LOCUS AR230918 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 178 from patent US 6451602.  
ACCESSION AR230918  
VERSION AR230918.1 GI:27271705  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Popoff, I. and Cowser, L.M.  
TITLE Antisense modulation of PARP expression  
JOURNAL Patent: US 6451602-A 178 17-SEP-2002;  
FEATURES location/Qualifiers  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3427 AGAAGTTTACCTCAAC 3445  
Db 20 AGATGTTATACCTCAAC 2

RESULT 1322  
AR232330/c  
LOCUS AR232330 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 25 from patent US 6455308.  
ACCESSION AR232330  
VERSION AR232330.1 GI:27274322  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Freier, S.M.  
TITLE Antisense modulation of serum amyloid A4 expression  
JOURNAL Patent: US 6455308-A 25 24-SEP-2002;  
FEATURES location/Qualifiers  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1788 CTCTCAAGGCGCAGGAA 1806  
Db 19 CTCTCAAGGCGTGGGA 1

RESULT 1323  
AR232331/c  
LOCUS AR232331 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 26 from patent US 6455308.  
ACCESSION AR232331  
VERSION AR232331.1 GI:27274323  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Freier, S.M.  
TITLE Antisense modulation of serum amyloid A4 expression  
JOURNAL Patent: US 6455308-A 26 24-SEP-2002;  
FEATURES location/Qualifiers  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1788 CTCTCAAGGCGCAGGAA 1806  
Db 20 CTCTCAAGGCGTGGGA 2

RESULT 1324  
AR232344/c  
LOCUS AR232344 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 39 from patent US 6455308.  
ACCESSION AR232344  
VERSION AR232344.1 GI:27274336  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Freier, S.M.  
TITLE Antisense modulation of serum amyloid A4 expression  
JOURNAL Patent: US 6455308-A 39 24-SEP-2002;  
FEATURES location/Qualifiers  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 224 CAGCCGTGCGAGGCTAT 242  
Db 20 CAGCCGTGCGAGGCTAT 2

RESULT 1325  
AR232394/c  
LOCUS AR232394 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 89 from patent US 6455308.  
ACCESSION AR232394  
VERSION AR232394.1 GI:27274386  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Freier, S.M.

TITLE Antisense modulation of serum amyloid A4 expression  
JOURNAL Patent: US 6455308-A 89 24-SEP-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1585 TCTTGTGGAACAGAGAA 1603  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TGTGTGGAACAGAGAA 2

RESULT 1326  
AR234593/c AR234593 20 bp DNA linear PAT 20-DEC-2002

LOCUS AR234593  
DEFINITION Sequence 34 from patent US 6458591.  
ACCESSION AR234593  
VERSION AR234593.1 GI:27277300  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
Unclassified.

REFERENCE 1 (bases 1 to 20)  
Unclassified.

AUTHORS Wyatt, J.  
TITLE Antisense modulation of phosphorylase kinase Alpha 2 expression  
JOURNAL Patent: US 6458591-A 34 01-OCT-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2183 CATCTCCGGTCTCGGC 2201  
| | | | | | | | | | | | | | | | | | | | | |  
Db 19 CTCTCTCTGTTCTCGGC 1

RESULT 1327

AR235521 AR235521 20 bp DNA linear PAT 20-DEC-2002  
LOCUS AR235521  
DEFINITION Sequence 20 from patent US 6461810.  
ACCESSION AR235521  
VERSION AR235521.1 GI:27278742  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
Unclassified.

AUTHORS Fresco, J.R. and Johnson, M.D.  
TITLE Triplex in-situ hybridization  
JOURNAL Patent: US 6461810-A 20 08-OCT-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2805 GGAGAAATGAGAGAGA 2823  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 GGTGAAATGAGAGAGA 19

RESULT 1328

AR237076 AR237076 20 bp DNA linear PAT 20-DEC-2002  
LOCUS AR237076  
DEFINITION Sequence 37 from patent US 6465439.  
ACCESSION AR237076  
VERSION AR237076.1 GI:27281734  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
Unclassified.

AUTHORS Nicklin, P.L., Phillips, J.A., Love, W.G. and Hamilton, K.O.  
TITLE Pharmaceutical compositions  
JOURNAL Patent: US 6465439-A 37 15-OCT-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGCCACGAAACGACGTG 3002  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 GGCCACGAAACGACGAG 19

RESULT 1329

AR257165 AR257165 20 bp DNA linear PAT 20-DEC-2002  
LOCUS AR257165  
DEFINITION Sequence 20 from patent US 6485974.  
ACCESSION AR257165  
VERSION AR257165.1 GI:27306949  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
Unclassified.

AUTHORS Popoff, I.  
TITLE Antisense modulation of PTPN2 expression  
JOURNAL Patent: US 6485974-A 20 26-NOV-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4190 GCTTGTGTTTTCAGAAA 4208  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 GATTCTGTTTTCAGAAA 20

RESULT 1330

AR263573 AR263573 20 bp DNA linear PAT 29-JAN-2003  
LOCUS AR263573  
DEFINITION Sequence 21 from patent US 6331399.  
ACCESSION AR263573  
VERSION AR263573.1 GI:28075318  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
Unclassified.

AUTHORS Montu, B.P., Gaarde, W.A. and Wanciewicz, E.  
TITLE Antisense inhibition of test expression  
JOURNAL Patent: US 6331399-A 21 18-DEC-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1657 GCTTCTGCCAGCTCCTGCA 1675  
|||||  
Db 2 GCTTCCGACAGCTCCCGCA 20

RESULT 1331  
AR266014 20 bp DNA linear PAT 10-APR-2003  
LOCUS AR266014  
DEFINITION Sequence 21 from patent US 6492171.  
ACCESSION AR266014  
VERSION AR266014.1 GI:29694860  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Montia,B.P., Gaarde,W.A., Freier,S.M. and Wancewicz,E.  
TITLE Antisense modulation of TERT expression  
JOURNAL Patent: US 6492171-A 21 10-DEC-2002;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1657 GCTTCTGCCAGCTCCTGCA 1675  
|||||  
Db 2 GCTTCCGACAGCTCCCGCA 20

RESULT 1332  
AR266032 20 bp DNA linear PAT 10-APR-2003  
LOCUS AR266032  
DEFINITION Sequence 39 from patent US 6492171.  
ACCESSION AR266032  
VERSION AR266032.1 GI:29694878  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Montia,B.P., Gaarde,W.A., Freier,S.M. and Wancewicz,E.  
TITLE Antisense modulation of TERT expression  
JOURNAL Patent: US 6492171-A 39 10-DEC-2002;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4 GGGCATGGCATCCCGCGTG 22  
|||||  
Db 1 GGGCAGGGCTTCCACGTTG 19

RESULT 1333  
AR271185 20 bp DNA linear PAT 10-APR-2003  
LOCUS AR271185  
DEFINITION Sequence 128 from patent US 6503152.  
ACCESSION AR271185  
VERSION AR271185.1 GI:29702488  
KEYWORDS

SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Pelz,D.T.  
TITLE Putting trainer  
JOURNAL Patent: US 6503152-A 128 07-JAN-2003;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1534 AGAAATCTGCAGCTCAT 1552  
|||||  
Db 19 AGAACATCTGTCAGTTCT 1

RESULT 1334  
AR281374 20 bp DNA linear PAT 10-APR-2003  
LOCUS AR281374  
DEFINITION Sequence 9 from patent US 6518403.  
ACCESSION AR281374  
VERSION AR281374.1 GI:29717040  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Sheppard,P.O.  
TITLE Antibodies that bind an adipocyte-specific protein homolog  
JOURNAL Patent: US 6518403-A 9 11-FEB-2003;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2492 GACAGGATGAATACAC 2510  
|||||  
Db 1 GAGAGGGCTGAAGAACAC 19

RESULT 1335  
AR293904 20 bp DNA linear PAT 12-JUN-2003  
LOCUS AR293904  
DEFINITION Sequence 5639 from patent US 6537751.  
ACCESSION AR293904  
VERSION AR293904.1 GI:31681188  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 5639 25-MAR-2003;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2812 ATGAGAAGAGTACGCG 2830  
Db 2 ATAAAGAGGAGAGAGG 20

RESULT 1336  
AR296173/c  
LOCUS AR296173 20 bp DNA  
DEFINITION Sequence 7908 from patent US 6537751.  
ACCESSION AR296173  
VERSION AR296173.1 GI:31683457  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
FEATURES  
Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 7908 25-MAR-2003;  
FEATURES  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3318 CAGACGCCACAGCCTCGA 3336  
Db 20 CAGAGGCCATAGCCAGGA 2

RESULT 1337  
AR296649/c  
LOCUS AR296649 20 bp DNA  
DEFINITION Sequence 8384 from patent US 6537751.  
ACCESSION AR296649  
VERSION AR296649.1 GI:31683933  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
FEATURES  
Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 8384 25-MAR-2003;  
FEATURES  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2128 GCCACTGACTTCAGGAG 2146  
Db 20 GCCACCGCTACTCAGGAG 2

RESULT 1338  
AR298684  
LOCUS AR298684 20 bp DNA  
DEFINITION Sequence 10419 from patent US 6537751.  
ACCESSION AR298684  
VERSION AR298684.1 GI:31685968  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
FEATURES  
Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 10419 25-MAR-2003;  
FEATURES  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1326 TCATCCATTGAGACAAG 1344  
Db 2 TCAGCAATTAAACAAG 20

RESULT 1339  
AR300809  
LOCUS AR300809 20 bp DNA  
DEFINITION Sequence 37 from patent US 6537973.  
ACCESSION AR300809  
VERSION AR300809.1 GI:31688376  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
FEATURES  
Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.F., Dean,N.M., Holmlund,J.T. and Dorr,F.A.  
TITLE Oligonucleotide inhibition of protein kinase C  
JOURNAL Patent: US 6537973-A 37 25-MAR-2003;  
FEATURES  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGCCACAGAAACGACCTG 3002  
Db 1 GGCCCCAGAAACGTAGCAG 19

RESULT 1340  
AR304396  
LOCUS AR304396 20 bp DNA  
DEFINITION Sequence 21 from patent US 6544784.  
ACCESSION AR304396  
VERSION AR304396.1 GI:31693544  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
FEATURES  
Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bullerdiek,J., Van de Ven,W.J.M., Scheemakers,H.F.P.M. and Mols,R.  
TITLE Multiple-tumor aberrant growth genes  
JOURNAL Patent: US 6544784-A 21 08-APR-2003;  
FEATURES  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 326 GCAGTCAGTTCCCTTCC 344  
Db 1 GCAGTCAGGCTCTTCCC 19

RESULT 1341  
LOCUS AR304583 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 9 from patent US 6544946.  
ACCESSION AR304583  
VERSION AR304583.1 GI:31693746  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Sheppard, P.O., Lasser, G.W. and Bishop, P.D.  
TITLE Inhibitors for use in hemostasis and immune function  
JOURNAL Patent: US 6544946-A 9 08-APR-2003;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2492 GACAGGATGATGACAC 2510  
Db 1 GAGAGGCTGAGACAC 19

RESULT 1342  
LOCUS AR307851 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 62 from patent US 6551826.  
ACCESSION AR307851  
VERSION AR307851.1 GI:31698607  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Walt, A.T.  
TITLE Antisense modulation of raiid expression  
JOURNAL Patent: US 6551826-A 62 22-APR-2003;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2803 AAGGAGAAATGAGAAG 2821  
Db 19 AGGAGAGAGCTGAGAAG 1

RESULT 1343  
LOCUS AR307956 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 167 from patent US 6551826.  
ACCESSION AR307956  
VERSION AR307956.1 GI:31698712  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Walt, A.T.  
TITLE Antisense modulation of raiid expression  
JOURNAL Patent: US 6551826-A 167 22-APR-2003;  
FEATURES  
Location/Qualifiers

source  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2738 GTCCAGACCAATCTAC 2756  
Db 19 GTCCAGACCACTAC 1

RESULT 1344  
LOCUS AR310792 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 1329 from patent US 6559294.  
ACCESSION AR310792  
VERSION AR310792.1 GI:31704218  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Griffiths, R., Hoiseh, S.K., Zagursky, R.J., Mercalf, B.J., Peek, J.A.,  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 1329 06-MAY-2003;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4323 CTGCTCTGTCTTGGG 4341  
Db 19 CTGATCTGTCTTGGG 1

RESULT 1345  
LOCUS AR310817 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 1354 from patent US 6559294.  
ACCESSION AR310817  
VERSION AR310817.1 GI:31704243  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Griffiths, R., Hoiseh, S.K., Zagursky, R.J., Mercalf, B.J., Peek, J.A.,  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 1354 06-MAY-2003;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 282 CTCCTCTCTCTGCTT 300  
Db 2 CCTCTCTTGTCTGCTT 20

RESULT 1346  
LOCUS AR312611 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 1354 from patent US 6559294.  
ACCESSION AR312611  
VERSION AR312611.1 GI:31704243  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Griffiths, R., Hoiseh, S.K., Zagursky, R.J., Mercalf, B.J., Peek, J.A.,  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 1354 06-MAY-2003;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

LOCUS AR312611 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 3148 from patent US 6559294.  
ACCESSION AR312611  
VERSION AR312611.1 GI:31706037  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
Griffais, R., Hoiseh, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 3148 06-MAY-2003;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3687 ATCGTCTCCACCAAGCC 3705  
Db 20 ATCGTCTCTCCATAGACC 2

RESULT 1347  
LOCUS AR313477 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 4014 from patent US 6559294.  
ACCESSION AR313477  
VERSION AR313477.1 GI:31706903  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
Griffais, R., Hoiseh, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 4014 06-MAY-2003;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4473 GTGCTGTAGTACGCTTT 4491  
Db 1 GAGCTATGCTATGTGCTTT 19

RESULT 1348  
LOCUS AR314111 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 4648 from patent US 6559294.  
ACCESSION AR314111  
VERSION AR314111.1 GI:31707537  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
Griffais, R., Hoiseh, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 4648 06-MAY-2003;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 944 TTCAACGAGAAATCCCGA 962  
Db 2 TTGAAGAGAGAAATCCCGA 20

RESULT 1349  
LOCUS AR315481 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 6018 from patent US 6559294.  
ACCESSION AR315481  
VERSION AR315481.1 GI:31708907  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
Griffais, R., Hoiseh, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 6018 06-MAY-2003;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2645 CACTTCCAGTTGTCTCC 2663  
Db 19 CACTTCTCATTTCTCTCC 1

RESULT 1350  
LOCUS AR315695/c 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 6232 from patent US 6559294.  
ACCESSION AR315695  
VERSION AR315695.1 GI:31709121  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
Griffais, R., Hoiseh, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 6232 06-MAY-2003;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3041 AGGCCACTTCCAGGGGAG 3059  
Db 19 AGGTCACTTCCGAGGAG 1

RESULT 1351  
LOCUS AR315780/c 20 bp DNA linear PAT 12-JUN-2003



Query Match	0.3%;	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 1.1e+03;		
Matches	16;	Conservative 0;	Mismatches 3;	Indels 0;
Gap				0;
Db				
1	GAGGAGGCTGAGACAC	2510		
RESULT 1354				
LOCUS	AR359687	20 bp	DNA	linear
DEFINITION	Sequence 57 from patent US 6593456.			PAT 17-AUG-2003
ACCESSION	AR359687			
VERSION	AR359687.1	GI:33766431		
KEYWORDS				
SOURCE	Unknown.			
ORGANISM	Unclassified.			
REFERENCE	1 (bases 1 to 20)			
AUTHORS	Galanaga, T. and Granger, G. A.			
TITLE	Tumor necrosis factor receptor releasing enzyme			
JOURNAL	Patent: US 6593456-A 57 15-JUL-2003;			
FEATURES	Location/Qualifiers			
source	1..20			
	/organism="unknown"			
	/mol_type="genomic DNA"			
Query Match	0.3%;	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 1.1e+03;		
Matches	16;	Conservative 0;	Mismatches 3;	Indels 0;
Gap				0;
Db				
1	TGGGTGATGCTTCTCTGA	5140		
RESULT 1355				
LOCUS	AR373453	20 bp	DNA	linear
DEFINITION	Sequence 23 from patent US 6602713.			PAT 18-DEC-2003
ACCESSION	AR373453			
VERSION	AR373453.1	GI:40075582		
KEYWORDS				
SOURCE	Unknown.			
ORGANISM	Unclassified.			
REFERENCE	1 (bases 1 to 20)			
AUTHORS	Wyatt, J.			
TITLE	Anticsease modulation of protein phosphatase 2 catalytic subunit			
JOURNAL	Patent: US 6602713-A 23 05-AUG-2003;			
FEATURES	Location/Qualifiers			
source	1..20			
	/organism="unknown"			
	/mol_type="genomic DNA"			
Query Match	0.3%;	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 1.1e+03;		
Matches	16;	Conservative 0;	Mismatches 3;	Indels 0;
Gap				0;
Db				
1	GAGGAGGCTGAGACAC	512		
RESULT 1356				
LOCUS	AR382811	20 bp	DNA	linear
DEFINITION	Sequence 51 from patent US 6610539.			PAT 18-DEC-2003
ACCESSION	AR382811			
VERSION	AR382811.1	GI:40091624		

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Wright,J.A., Young,A.H. and Dugourd,D.  
TITLE Antisense oligonucleotide sequences as inhibitors of microorganisms  
JOURNAL Patent: US 6610539-A 51 26-AUG-2003;  
FEATURES Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5201 TGCAGAGGAGATGCACCC 5219  
Db 2 TGTAGAACGGAATGCACCC 20

RESULT 1357  
LOCUS AR397485 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 88 from patent US 6617162.  
ACCESSION AR397485  
VERSION AR397485.1 GI:40134356  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Dobie,K.W. and Roach,M.P.  
TITLE Antisense modulation of estrogen receptor alpha expression  
JOURNAL Patent: US 6617162-A 88 09-SEP-2003;  
FEATURES Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1780 CCTGTTCTCTCCAGAG 1798  
Db 2 CCTGTTCTCTCCAGAG 20

RESULT 1358  
LOCUS AR399605 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 52 from patent US 6620623.  
ACCESSION AR399605  
VERSION AR399605.1 GI:40141777  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Vershov,G., Alferov,O. and Kukhtin,A.  
TITLE Biochip reader with enhanced illumination and bioarray positioning  
JOURNAL Patent: US 6620623-A 52 16-SEP-2003;  
FEATURES Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTTCATC 1733  
Db 19 CATCATCATCATCATCATC 1

RESULT 1359  
LOCUS AR399627 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 74 from patent US 6620623.  
ACCESSION AR399627  
VERSION AR399627.1 GI:40141812  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Vershov,G., Alferov,O. and Kukhtin,A.  
TITLE Biochip reader with enhanced illumination and bioarray positioning  
JOURNAL Patent: US 6620623-A 74 16-SEP-2003;  
FEATURES Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTTCATC 1733  
Db 19 CATCATCATCATCATCATC 1

RESULT 1360  
LOCUS AR406071 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 2 from patent US 6630346.  
ACCESSION AR406071  
VERSION AR406071.1 GI:40155250  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Morisy,M., Gu,M., Zhao,J.Z., Caskey,C.T. and Kochanek,S.  
TITLE Gene therapy for obesity  
JOURNAL Patent: US 6630346-A 2 07-OCT-2003;  
FEATURES Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4254 TTGACACCAAGTCTGAGG 4272  
Db 1 TCAGCACCGAGGCTGAGG 19

RESULT 1361  
LOCUS AR409513 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 1 from patent US 6632976.  
ACCESSION AR409513  
VERSION AR409513.1 GI:40160486  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Tomizuka, K., Yoshida, H., Hanaoka, K., Oshimura, M. and Ishida, I.  
TITLE Chimeric mice that are produced by microcell mediated chromosome transfer and that retain a human antibody gene  
JOURNAL Patent: US 6632976-A 1 14-OCT-2003;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1740 TGAACATGGGTACGCC 1758  
Db 1 TGAAGGTGATACGCC 19

RESULT 1362  
LOCUS AR410699 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 124 from patent US 6635468.  
ACCESSION AR410699  
VERSION AR410699.1 GI:40162199  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Ashkenazi, A., Botstein, D., Desnoyers, L., Eaton, D. L., Ferrara, N., Filvaroff, E., Fong, S., Gao, W.-Q., Gerber, H., Gertlsen, M. E., Goddard, A., Godowski, P. J., Grimaldi, J. C., Gurney, A. L., Hillan, K. J., Kljavin, I. J., Mather, J. P., Pan, J., Paoni, N. F., Roy, M. A., Stewart, T. A., Tumas, D., Williams, P. M. and Wood, W. I.  
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same  
JOURNAL Patent: US 6635468-A 124 21-OCT-2003;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTCTCAGTGCTA 2719  
Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1363  
LOCUS AR439063 20 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 124 from patent US 6664376.  
ACCESSION AR439063  
VERSION AR439063.1 GI:42664912  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Ashkenazi, A., Botstein, D., Desnoyers, L., Eaton, D. L., Ferrara, N., Filvaroff, E., Fong, S., Gao, W.-Q., Gerber, H., Gertlsen, M. E., Goddard, A., Godowski, P. J., Grimaldi, J. C., Gurney, A. L., Hillan, K. J., Kljavin, I. J., Mather, J. P., Pan, J., Paoni, N. F., Roy, M. A., Stewart, T. A., Tumas, D., Williams, P. M. and Wood, W. I.  
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same  
JOURNAL Patent: US 6664376-A 124 16-DEC-2003;  
FEATURES Location/Qualifiers  
source 1..20

/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTCTCAGTGCTA 2719  
Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1364  
LOCUS AR444785 20 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 7 from patent US 6670465.  
ACCESSION AR444785  
VERSION AR444785.1 GI:42672644  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bech-Hansen, T. and Naylor, M. J.  
TITLE Retinal calcium channel (alpha)1F-subunit gene  
JOURNAL Patent: US 6670465-A 7 30-DEC-2003;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 279 TTTCTCTCTCTCTCTT 297  
Db 1 TTTCTCTCTCTCTCTT 19

RESULT 1365  
LOCUS AR444903 20 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 125 from patent US 6670465.  
ACCESSION AR444903  
VERSION AR444903.1 GI:42672762  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bech-Hansen, T. and Naylor, M. J.  
TITLE Retinal calcium channel (alpha)1F-subunit gene  
JOURNAL Patent: US 6670465-A 125 30-DEC-2003;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4397 TGAAGGTGAGATATAGAT 4415  
Db 19 TGGGGGTGAGAAATAGCT 1

RESULT 1366  
LOCUS AR444908 20 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 130 from patent US 6670465.  
ACCESSION AR444908

VERSION AR444908.1 GI:42672767  
KEYWORDS  
SOURCE  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
TITLE Bech-Hansen, T. and Naylor, M.J.  
JOURNAL Retinal calcium channel (alpha)1F-subunit gene  
FEATURES  
SOURCE Patent: US 6670465-A 130 30-DEC-2003;  
Location/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4293 AGACGGGCACCAACAGTC 4311  
Db 2 AGATGGGGCACCAACAGTC 20

RESULT 1367  
AR444909/c  
LOCUS AR444909 20 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 131 from patent US 6670465.  
ACCESSION AR444909  
VERSION AR444909.1 GI:42672768  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
TITLE Bech-Hansen, T. and Naylor, M.J.  
JOURNAL Retinal calcium channel (alpha)1F-subunit gene  
FEATURES  
SOURCE Patent: US 6670465-A 131 30-DEC-2003;  
Location/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4293 AGACGGGCACCAACAGTC 4311  
Db 19 AGATGGGGCACCAACAGTC 1

RESULT 1368  
AR455218/c  
LOCUS AR455218 20 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 33 from patent US 6683169.  
ACCESSION AR455218  
VERSION AR455218.1 GI:42689751  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
TITLE Knipp, G.T. and Herrera-Ruiz, D.  
JOURNAL Nucleic acid encoding the human peptide histidine transporter 1 and  
METHODS methods of use thereof  
PATENT Patent: US 6683169-A 33 27-JAN-2004;  
LOCATION/QUALIFIERS  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3921 ACCGCGGGCGCGCGCTGC 3939  
Db 19 ACCGCCGAGCGCGCGCGC 1

RESULT 1369  
AR473083  
LOCUS AR473083 20 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 124 from patent US 6686451.  
ACCESSION AR473083  
VERSION AR473083.1 GI:42708458  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
TITLE Desnoyers, L., Goddard, A., Godowski, P.J., Gurney, A.L., Mather, J.P.,  
JOURNAL Williams, P.M. and Wood, W.I.  
METHODS Secreted and transmembrane polypeptides and nucleic acids encoding  
PATENT the same  
PATENT Patent: US 6686451-A 124 03-FEB-2004;  
LOCATION/QUALIFIERS  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTTCTCAGTGCTA 2719  
Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1370  
AR475709/c  
LOCUS AR475709 20 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 76 from patent US 6692960.  
ACCESSION AR475709  
VERSION AR475709.1 GI:42715192  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
TITLE Bennett, C.F. and Freiler, S.M.  
JOURNAL Antisense modulation of sphingosine-1-phosphate lyase expression  
FEATURES  
SOURCE Patent: US 6692960-A 76 17-FEB-2004;  
Location/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 TACAGATTCTGCCCATG 687  
Db 20 TACAGTTTCTGCCAATG 2

RESULT 1371  
AX004310/c  
LOCUS AX004310 20 bp DNA linear PAT 24-AUG-2000  
DEFINITION Sequence 62 from Patent WO9919492.  
ACCESSION AX004310  
VERSION AX004310.1 GI:9927792  
KEYWORDS  
SOURCE synthetic construct

ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Betzner, A.S. and Dautriaux, M.P.  
TITLE Methods for obtaining plant varieties  
JOURNAL Patent: WO 9919492-A 62 22-APR-1999;  
BETZNER ANDREAS STEFAN (AU); DOUTRIAUX MARIE PASCALE (FR)

FEATURES  
SOURCE  
1. 20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Forward primer for PCR amplification of Atub102  
SSRP marker in Arabidopsis thaliana subspecies"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1329 TCCATTGAGACAGGTCA 1347  
DB 19 TCCTATGAGAGAGAGGTCA 1

RESULT 1372  
AX018464/c  
LOCUS AX018464 20 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 23 from Patent WO9945155.  
ACCESSION AX018464  
VERSION AX018464.1 GI:10042615  
KEYWORDS  
SOURCE Human herpesvirus 4 (Epstein-Barr virus)  
ORGANISM Human herpesvirus 4  
VIRUSES; dsDNA viruses, no RNA stage; Herpesviridae;  
Gammaherpesvirinae; Lymphocryptovirus.

REFERENCE 1  
AUTHORS Middeldorp, J.M., Van Den Brule, A.J. and Vervoort, M.B.  
TITLE Oligonucleotides for the amplification and detection of Epstein  
Barr virus (ebv) nucleic acid  
JOURNAL Patent: WO 9945155-A 23 10-SEP-1999;  
MIDDELDORP JAAP MICHEL (NL); AKZO NOBEL NV (NL); DEN BRULE  
ADRIANUS JOHANNES CH (NL); VERVOORT MARCEL BARTOLINA HEND (NL)

FEATURES  
SOURCE  
1. 20  
/organism="Human herpesvirus 4"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10376"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 210 CAAGAAAGCCGCGAGCC 228  
DB 19 CAAGAAAGCGGTGACAGCC 1

RESULT 1373  
AX084301/c  
LOCUS AX084301 20 bp DNA linear PAT 28-FEB-2001  
DEFINITION Sequence 95 from Patent WO0110902.  
ACCESSION AX084301  
VERSION AX084301.1 GI:13185803  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Shimkets, R.A. and Fernandez, E.  
TITLE Nucleic acids and secreted polypeptides encoded thereby  
JOURNAL Patent: WO 0110902-A 95 15-FEB-2001;  
Curagen Corporation (US)

FEATURES  
Location/Qualifiers

source  
1. 20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR PRIMER"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 376 AGTTAAGCTGCGGACCA 394  
DB 20 AGTTAAGCTGCGGACCA 2

RESULT 1374  
AX085398/c  
LOCUS AX085398 20 bp DNA linear PAT 09-MAR-2001  
DEFINITION Sequence 11 from Patent WO0112833.  
ACCESSION AX085398  
VERSION AX085398.1 GI:13275453  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Emptage, M., Haynie, S., Lafend, L., Pucci, J. and Whited, G.  
TITLE Process for the biological production of 1,3-propanediol with high  
titer  
JOURNAL Patent: WO 0112833-A 11 22-FEB-2001;  
E.I. DU PONT DE NEMOURS AND COMPANY (US); GENENCOR INTERNATIONAL,  
INC. (US)

FEATURES  
SOURCE  
1. 20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer-primer"

Location/Qualifiers

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3765 TTGACGTCATCAGCTCTG 3783  
DB 20 TGACGTCGACATCTCTG 2

RESULT 1375  
AX092609/c  
LOCUS AX092609 20 bp DNA linear PAT 21-MAR-2001  
DEFINITION Sequence 21 from Patent WO0115676.  
ACCESSION AX092609  
VERSION AX092609.1 GI:13444666  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Hayden, M.R., Brooke-Wilson, A.R., Pimstone, S.N. and Clee, S.M.  
TITLE Compositions and methods for modulating hdl cholesterol and  
triglyceride levels  
JOURNAL Patent: WO 0115676-A 21 08-MAR-2001;  
University of British Columbia (CA); Xenon Genetics Inc. (CA)

FEATURES  
SOURCE  
1. 20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 4832 GTGAGAGATCTGGCTCA 4850  
| | | | | | | | | | | | | | | | | |  
Db 20 GTGCTGATCTGGGCTCA 2

RESULT 1376  
AX098405 20 bp DNA linear PAT 02-APR-2001  
LOCUS Sequence 31 from Patent WO0119991.  
DEFINITION AX098405  
ACCESSION AX098405.1 GI:13537697  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Fong,S., Goddard,A., Gurney,A.L., Hillan,K.J., Tumaas,D. and Wood,W.I.  
TITLE Compositions and methods for the treatment of immune related diseases  
JOURNAL Patent: WO 0119991-A 31 22-MAR-2001;  
Genentech, Inc. (US)  
FEATURES  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="cloning oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2701 TTGAGTTTCTCAGGTGCTA 2719  
| | | | | | | | | | | | | | | | | |  
Db 1 TTGCCTACTCAGGTGCTA 19

RESULT 1377  
AX103856 20 bp DNA linear PAT 30-APR-2001  
LOCUS AX103856  
DEFINITION Sequence 48 from Patent WO0122972.  
ACCESSION AX103856  
VERSION AX103856.1 GI:13920053  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.  
TITLE Immunostimulatory nucleic acids  
JOURNAL Patent: WO 0122972-A 48 05-APR-2001;  
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical GmbH (DE)  
FEATURES  
source 1..20  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
modified\_base 8  
/mod\_base=m5c

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1357 TGCACGAGGTCCTGAGTCT 1376  
| | | | | | | | | | | | | | | | | |  
Db 1 TCCATGTGGTCTGAGTCT 20

RESULT 1378  
AX104863/c 20 bp DNA linear PAT 30-APR-2001  
LOCUS AX104863  
DEFINITION Sequence 1055 from Patent WO0122972.  
ACCESSION AX104863  
VERSION AX104863.1 GI:13921060  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.  
TITLE Immunostimulatory nucleic acids  
JOURNAL Patent: WO 0122972-A 1055 05-APR-2001;  
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical GmbH (DE)  
FEATURES  
source 1..20  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 888 CCCCAGAAACATCCCGC 906  
| | | | | | | | | | | | | | | | | |  
Db 19 CCCCAGAAACATCCCGC 1

RESULT 1379  
AX105258 20 bp DNA linear PAT 30-APR-2001  
LOCUS AX105258  
DEFINITION Sequence 157 from Patent WO0122990.  
ACCESSION AX105258  
VERSION AX105258.1 GI:13921408  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Hartmann,G.D., Bratzler,R.L. and Krieg,A.U.  
TITLE Methods related to immunostimulatory nucleic acid-induced interferon  
JOURNAL Patent: WO 0122990-A 157 05-APR-2001;  
Coley Pharmaceutical Group, Inc. (US) ; UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)  
FEATURES  
source 1..20  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Oligonucleotide"  
1..2  
/note="Backbone has phosphorothioate linkages."  
3..14  
/note="Backbone has phosphodiester linkages."  
15..19  
/note="Backbone has phosphorothioate linkages."  
20  
/note="Backbone has phosphodiester linkages."

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 888 CCCCAGAAACATCCCGC 906  
| | | | | | | | | | | | | | | | | |  
Db 19 CCCCAGAAACATCCCGC 1

RESULT 1380

AX119647/c  
LOCUS AX119647 20 bp DNA linear PAT 11-MAY-2001  
DEFINITION Sequence 40 from Patent W00129213.  
ACCESSION AX119647  
VERSION AX119647.1 GI:14036545  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Todd, J.A., Twells, R.C., Hees, J.W., Hey, P., Hey, P., Caskey, C.T., Hammond, H., and Metzker, M.L.  
TITLE Human sita associated proteins like (sap1) proteins and encoding genes; uses thereof  
JOURNAL Patent: WO 0129213-A 40 26-APR-2001;  
The Wellcome Trust Limited as trustee to the Wellcome Trust (GB);  
Merck & Co., Inc. (US)  
FEATURES  
source  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"  
Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2376 GAGAGAGGAGCAGAGC 2394  
DB 19 GAGAGAGGAGTCAGAGAG 1  
RESULT 1381  
LOCUS AX141111 20 bp DNA linear PAT 31-MAY-2001  
DEFINITION Sequence 17 from Patent W00134653.  
ACCESSION AX141111  
VERSION AX141111.1 GI:14281130  
KEYWORDS  
SOURCE  
ORGANISM Homo sapiens (human)  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
1  
AUTHORS Kirzbaum, M., le Disorde, M., and Prost, S.  
TITLE Protein present at the surface of hematopoietic stem cells of the lymphoid line and of nk cells, and uses thereof  
JOURNAL Patent: WO 0134653-A 17 17-MAY-2001;  
COMMISSARIAT A L'ENERGIE ATOMIQUE (FR)  
FEATURES  
source  
1..20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2806 GAGAAATGAGAGAGAG 2824  
DB 1 GAGATTAAGAGAGAGAG 19  
RESULT 1382  
LOCUS AX147894 20 bp DNA linear PAT 08-JUN-2001  
DEFINITION Sequence 139 from Patent W00136473.  
ACCESSION AX147894  
VERSION AX147894.1 GI:14346889  
KEYWORDS  
SOURCE  
synthetic construct

ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Vogel, G., Wood, L.S., Parodi, L.A., Hiebsch, R.R., Lind, P., Slightom, J., Schellin, K.A., Kayes, P.S., Bannigan, C.M., Ruff, V., Sejlitz, T., and Huff, R.M.  
TITLE Novel g protein-coupled receptors  
JOURNAL Patent: WO 0136473-A 139 25-MAY-2001;  
PHARMACIA & UPJOHN COMPANY (US)  
FEATURES  
source  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Novel Sequence"  
Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1908 CACTCCCTGCAGAAATCA 1926  
DB 1 CACACCCACCAAGAAATCA 19  
RESULT 1383  
LOCUS AX147923 20 bp DNA linear PAT 08-JUN-2001  
DEFINITION Sequence 168 from Patent W00136473.  
ACCESSION AX147923  
VERSION AX147923.1 GI:14346918  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Vogel, G., Wood, L.S., Parodi, L.A., Hiebsch, R.R., Lind, P., Slightom, J., Schellin, K.A., Kayes, P.S., Bannigan, C.M., Ruff, V., Sejlitz, T., and Huff, R.M.  
TITLE Novel g protein-coupled receptors  
JOURNAL Patent: WO 0136473-A 168 25-MAY-2001;  
PHARMACIA & UPJOHN COMPANY (US)  
FEATURES  
source  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Novel Sequence"  
Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1908 CACTCCCTGCAGAAATCA 1926  
DB 1 CACACCCACCAAGAAATCA 19  
RESULT 1384  
LOCUS AX148950 20 bp DNA linear PAT 08-JUN-2001  
DEFINITION Sequence 152 from Patent W00136625.  
ACCESSION AX148950  
VERSION AX148950.1 GI:14347474  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Wright, J.A., Young, A.H., and Dugourd, D.  
TITLE Antisense oligonucleotide sequences derived from groel and groes as inhibitors of microorganisms  
JOURNAL Patent: WO 0136625-A 152 25-MAY-2001;

Genesense Technologies Inc. (CA)  
Location/Qualifiers

FEATURES  
source

1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3410 GCCGCCCATATCACCCAG 3428

Db 1 GCCGCCCATGCGCCCATG 19

RESULT 1385  
AX149039/c 20 bp DNA linear PAT 08-JUN-2001

LOCUS AX149039  
DEFINITION Sequence 241 from Patent WO0136625.

ACCESSION AX149039  
VERSION AX149039.1 GI:14347563

KEYWORDS  
SOURCE synthetic construct

ORGANISM  
REFERENCE 1  
synthetic construct  
artificial sequences.

AUTHORS Wright, J.A., Young, A.H. and Dugourd, D.

TITLE Antisense oligonucleotide sequences derived from groel and groes as

JOURNAL Patent: WO 0136625-A 241 25-MAY-2001;

Genesense Technologies Inc. (CA)  
Location/Qualifiers

1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1668 CTCCTGCAGCAGATGAAGA 1686

Db 19 CTCGTGCAGCTGTGAAGA 1

RESULT 1386  
AX149079 20 bp DNA linear PAT 08-JUN-2001

LOCUS AX149079  
DEFINITION Sequence 281 from Patent WO0136625.

ACCESSION AX149079  
VERSION AX149079.1 GI:14347603

KEYWORDS  
SOURCE synthetic construct

ORGANISM  
REFERENCE 1  
synthetic construct  
artificial sequences.

AUTHORS Wright, J.A., Young, A.H. and Dugourd, D.

TITLE Antisense oligonucleotide sequences derived from groel and groes as

JOURNAL Patent: WO 0136625-A 281 25-MAY-2001;

Genesense Technologies Inc. (CA)  
Location/Qualifiers

1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3152 GAAGACCTCAGCAGCCAC 3170

Db 2 GAAGGCTTCACCATCCAC 20

RESULT 1387

AX167119/c 20 bp DNA linear PAT 03-JUL-2001

LOCUS AX167119  
DEFINITION Sequence 6 from Patent WO0144455.

ACCESSION AX167119  
VERSION AX167119.1 GI:14596607

KEYWORDS  
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens  
REFERENCE 1  
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

AUTHORS Berl, R.  
TITLE Antisense oligonucleotides

JOURNAL Patent: WO 0144455-A 6 21-JUN-2001;

Astrazeneca AB (SE)  
Location/Qualifiers

1. .20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3370 GGCCCTGCGGCGGAGAAAG 3388

Db 19 GGCCCTGCTGAGAGAGAG 1

RESULT 1388  
AX167935/c 20 bp DNA linear PAT 03-JUL-2001

LOCUS AX167935  
DEFINITION Sequence 119 from Patent WO0142307.

ACCESSION AX167935  
VERSION AX167935.1 GI:14597255

KEYWORDS  
SOURCE synthetic construct

ORGANISM  
REFERENCE 1  
synthetic construct  
artificial sequences.

AUTHORS Saito, K., Ohe, N. and Sato, H.

TITLE Mutant ex g(a) and test systems for transactivation

JOURNAL Patent: WO 0142307-A 119 14-JUN-2001;

Sumitomo Chemical Company, Limited (JP)  
Location/Qualifiers

1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Designed oligonucleotide probe for Southern hybridization"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3794 GCGCGCCGCGCGGAGCAAG 3812

Db 20 GTCGCGCTCAGGAGCAAG 2

RESULT 1389



AX188407  
LOCUS AX188407 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 26 from Patent WO0147954.  
ACCESSION AX188407  
VERSION AX188407.1 GI:15142078  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS van Roy, F., Vanlandschoot, A. and Janssens, B.  
TITLE Novel cdnas encoding catenin-binding proteins with function in signalling and/or gene regulation  
JOURNAL Patent: WO 0147954-A 26 05-JUL-2001;  
Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)  
FEATURES  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer FVR464R"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2826 GAGGCGGAGCTGTGCTGA 2844  
|||||  
2 GAGGCGGAGCTGTGCTGA 20

RESULT 1390  
AX188420/c  
LOCUS AX188420 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 39 from Patent WO0147954.  
ACCESSION AX188420  
VERSION AX188420.1 GI:15142091  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS van Roy, F., Vanlandschoot, A. and Janssens, B.  
TITLE Novel cdnas encoding catenin-binding proteins with function in signalling and/or gene regulation  
JOURNAL Patent: WO 0147954-A 39 05-JUL-2001;  
Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)  
FEATURES  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer FVR519F"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2786 TTTTGTCAAGAGTCAGGAA 2804  
|||||  
19 TTTGGCGAAGAGTCAGGCA 1

RESULT 1391  
AX204816  
LOCUS AX204816 20 bp DNA linear PAT 30-AUG-2001  
DEFINITION Sequence 35 from Patent WO0153345.  
ACCESSION AX204816  
VERSION AX204816.1 GI:15394155  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/note="primer FVR464R"

REFERENCE  
1  
AUTHORS Harper, S.J.  
TITLE vegf148 isoform, a truncated splice variant of vegf. Vegf heterodimers and therapeutic uses thereof  
JOURNAL Patent: WO 0153345-A 35 26-JUL-2001;  
North Bristol NHS Trust (GB)  
FEATURES  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="DNA probe"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4585 TCGAGCGGTGAAGCAT 4603  
|||||  
2 TCAGAGCGGAGAAAGCAT 20

RESULT 1392  
AX226327  
LOCUS AX226327 20 bp DNA linear PAT 10-SEP-2001  
DEFINITION Sequence 37 from Patent EP1126025.  
ACCESSION AX226327  
VERSION AX226327.1 GI:15555591  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Bennett, C.F. and Dean, N.  
TITLE Oligonucleotide modulation of protein kinase c  
JOURNAL Patent: EP 1126025-A 37 22-AUG-2001;  
ISIS PHARMACEUTICALS, INC. (US)  
FEATURES  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Artificial"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2984 GGCCAGAGAAAGCAGCTG 3002  
|||||  
1 GGCCCGAGAAAGCTAGCAG 19

RESULT 1393  
AX231707/c  
LOCUS AX231707 20 bp DNA linear PAT 11-SEP-2001  
DEFINITION Sequence 95 from Patent WO0162784.  
ACCESSION AX231707  
VERSION AX231707.1 GI:15592516  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Boyd, R.S., Stamps, A.C. and Terrett, J.A.  
TITLE Use of breast cancer associated membrane proteins (bcmp) for treatment, prophylaxis and diagnosis of breast cancer  
JOURNAL Patent: WO 0162784-A 95 30-AUG-2001;  
Oxford Glycosciences (UK) Limited (GB)  
FEATURES  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3492 GACCTGGGGAAGACGAG 3510  
|||  
20 GACCTGGGGAAGACGAGCTG 2

RESULT 1394  
AX233573/c 20 bp DNA linear PAT 11-SEP-2001  
LOCUS AX233573  
DEFINITION Sequence 6 from Patent WO0162914.  
ACCESSION AX233573  
VERSION AX233573.1 GI:15593297  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Boyd,R.S., Stamps,A.C., Terrett,J.O. and Tyson,K.L.  
TITLE Bcmp 84, a protein associated to breast cancer  
JOURNAL Patent: WO 0162914-A 6 30-AUG-2001;  
Oxford Glycosciences (UK) Limited (GB)  
LOCATION/Qualifiers

FEATURES  
source  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3492 GACCTGGGGAAGACGAG 3510  
|||  
20 GACCTGGGGAAGACGAGCTG 2

RESULT 1395  
AX294290 20 bp DNA linear PAT 21-NOV-2001  
LOCUS AX294290  
DEFINITION Sequence 6052 from Patent WO0179548.  
ACCESSION AX294290  
VERSION AX294290.1 GI:17055973  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Barany,F., Zivvi,M., Gerry,N.P., Favis,R. and Kliman,R.  
TITLE Method of designing addressable array for detection of nucleic acid  
JOURNAL sequence differences using ligase detection reaction  
PATENT: WO 0179548-A 6052 25-OCT-2001;  
CORNELL RESEARCH FOUNDATION, INC. (US)  
LOCATION/Qualifiers

FEATURES  
source  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2343 GCAGACTCTCTGTCACG 2361  
|||  
1 GGACACCTCTGTCACG 19

RESULT 1396  
AX294524 20 bp DNA linear PAT 21-NOV-2001  
LOCUS AX294524  
DEFINITION Sequence 6286 from Patent WO0179548.  
ACCESSION AX294524  
VERSION AX294524.1 GI:17056207  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Barany,F., Zivvi,M., Gerry,N.P., Favis,R. and Kliman,R.  
TITLE Method of designing addressable array for detection of nucleic acid  
JOURNAL sequence differences using ligase detection reaction  
PATENT: WO 0179548-A 6286 25-OCT-2001;  
CORNELL RESEARCH FOUNDATION, INC. (US)  
LOCATION/Qualifiers

FEATURES  
source  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1690 AGCACTCAGACGACCGCA 1708  
|||  
1 AGCACTCAGTGCACGCGCA 19

RESULT 1397  
AX296461 20 bp DNA linear PAT 21-NOV-2001  
LOCUS AX296461  
DEFINITION Sequence 8223 from Patent WO0179548.  
ACCESSION AX296461  
VERSION AX296461.1 GI:17058150  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Barany,F., Zivvi,M., Gerry,N.P., Favis,R. and Kliman,R.  
TITLE Method of designing addressable array for detection of nucleic acid  
JOURNAL sequence differences using ligase detection reaction  
PATENT: WO 0179548-A 8223 25-OCT-2001;  
CORNELL RESEARCH FOUNDATION, INC. (US)  
LOCATION/Qualifiers

FEATURES  
source  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 971 GACCAAGCGGCGAGCCTC 989  
|||  
1 GACCAAGCGGCGAGCCTC 19

RESULT 1398  
AX297034 20 bp DNA linear PAT 21-NOV-2001  
LOCUS AX297034  
DEFINITION Sequence 8796 from Patent WO0179548.  
ACCESSION AX297034  
VERSION AX297034.1 GI:17058725  
KEYWORDS

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

SOURCE synthetic construct  
ORGANISM artificial construct

REFERENCE 1  
AUTHORS Barany, F., Zivri, M., Gerry, N.P., Favis, R. and Kliman, R.  
TITLE Method of designing addressable array for detection of nucleic acid  
JOURNAL Patent: WO 0179548-A 8796 25-OCT-2001;  
FEATURES CORNELL RESEARCH FOUNDATION, INC. (US)  
SOURCE Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3300 CAGACCTGTCCCTGACC 3318  
Db |||||  
2 CGACCTGTCTCGTGACC 20

RESULT 1399  
LOCUS AX297103 20 bp DNA linear PAT 21-NOV-2001  
DEFINITION Sequence 8865 from Patent WO0179548.  
ACCESSION AX297103  
VERSION AX297103.1 GI:17058794  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial construct

REFERENCE 1  
AUTHORS Barany, F., Zivri, M., Gerry, N.P., Favis, R. and Kliman, R.  
TITLE Method of designing addressable array for detection of nucleic acid  
JOURNAL Patent: WO 0179548-A 8865 25-OCT-2001;  
FEATURES CORNELL RESEARCH FOUNDATION, INC. (US)  
SOURCE Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1356 CTGCACGAGGCTCTGACT 1374  
Db |||||  
2 CGCACGACGAGGCTCTGACT 20

RESULT 1400  
LOCUS AX297497 20 bp DNA linear PAT 21-NOV-2001  
DEFINITION Sequence 9259 from Patent WO0179548.  
ACCESSION AX297497  
VERSION AX297497.1 GI:17059188  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial construct

REFERENCE 1  
AUTHORS Barany, F., Zivri, M., Gerry, N.P., Favis, R. and Kliman, R.  
TITLE Method of designing addressable array for detection of nucleic acid  
JOURNAL Patent: WO 0179548-A 9259 25-OCT-2001;  
FEATURES CORNELL RESEARCH FOUNDATION, INC. (US)

FEATURES Location/Qualifiers  
SOURCE 1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 192 CAGACGAGAGGCTGCTGC 210  
Db |||||  
20 CAGACGAGCTGAGGCTGCTGC 2

RESULT 1401  
LOCUS AX298821 20 bp DNA linear PAT 26-NOV-2001  
DEFINITION Sequence 455 from Patent WO0183749.  
ACCESSION AX298821  
VERSION AX298821.1 GI:17128811  
KEYWORDS  
SOURCE Mus sp.  
ORGANISM Mus sp.  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1  
AUTHORS Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S.,  
Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G.  
TITLE Gene and sequence variation associated with sensing carbohydrate  
JOURNAL compounds and other sweeteners  
Patent: WO 0183749-A 455 08-NOV-2001;  
FEATURES WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center  
(US)  
SOURCE Location/Qualifiers  
1. .20  
/organism="Mus sp."  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4080 AGCCCTCAGTGAGCTGCCA 4098  
Db |||||  
2 AGCACTCAGTGAGGTTCCA 20

RESULT 1402  
LOCUS AX298823 20 bp DNA linear PAT 26-NOV-2001  
DEFINITION Sequence 457 from Patent WO0183749.  
ACCESSION AX298823  
VERSION AX298823.1 GI:17128813  
KEYWORDS  
SOURCE Mus sp.  
ORGANISM Mus sp.  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1  
AUTHORS Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S.,  
Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G.  
TITLE Gene and sequence variation associated with sensing carbohydrate  
JOURNAL compounds and other sweeteners  
Patent: WO 0183749-A 457 08-NOV-2001;  
FEATURES WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center  
(US)  
SOURCE Location/Qualifiers  
1. .20  
/organism="Mus sp."  
/mol\_type="unassigned DNA"

/db\_xref="taxon:10095"

## Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4080 AGCCCTCAGTGAGTCCA 4098  
 2 AGCACTCAGTGAGTCCA 20

Db

## RESULT 1403

AX300512  
 LOCUS AX300512 20 bp DNA linear PAT 30-NOV-2001  
 DEFINITION Sequence 18 from Patent WO0185933.  
 ACCESSION AX300512  
 VERSION AX300512.1 GI:17381863  
 KEYWORDS  
 SOURCE  
 ORGANISM  
 REFERENCE  
 1  
 AUTHORS van Roy, F., Bonne, S. and Vanlandeschoot, A.  
 TITLE Plakoglobin interacting proteins  
 JOURNAL Patent: WO 0185933-A 18 15-NOV-2001;  
 Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)  
 FEATURES  
 source  
 1.20  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Primer FVR732F"

## Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3112 TGAAGCGAGCGGTGATGA 3130  
 1 TGAAGCGAGCGGTGATGA 19

Db

## RESULT 1404

AX342492/c  
 LOCUS AX342492 20 bp DNA linear PAT 12-JAN-2002  
 DEFINITION Sequence 8 from Patent WO0198333.  
 ACCESSION AX342492  
 VERSION AX342492.1 GI:18151930  
 KEYWORDS  
 SOURCE  
 ORGANISM  
 REFERENCE  
 1  
 AUTHORS Page, M., Li, J. L. and Pumpens, P. B.  
 TITLE Modification of hepatitis B core antigen  
 JOURNAL Patent: WO 0198333-A 8 27-DEC-2001;  
 Celtech Pharmaceuticals Limited (GB)  
 FEATURES  
 source  
 1.20  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Primer"

## Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4751 ATGCTAGCTGAGAGCAG 4769  
 19 ATGCTAGCTGAGAGCAG 1

Db

## RESULT 1405

AX355590  
 LOCUS AX355590 20 bp DNA linear PAT 06-FEB-2002  
 DEFINITION Sequence 618 from Patent WO0197843.  
 ACCESSION AX355590  
 VERSION AX355590.1 GI:18620258  
 KEYWORDS  
 SOURCE  
 ORGANISM

REFERENCE  
 1  
 AUTHORS Weiner, G. and Hartmann, G.  
 TITLE Methods for enhancing antibody-induced cell lysis and treating  
 JOURNAL Cancer  
 Patent: WO 0197843-A 618 27-DEC-2001;  
 UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)  
 FEATURES  
 source  
 1.20  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Synthetic oligonucleotide-chimeric  
 phosphorocholate/phosphodiester backbone with  
 phosphorocholate at 5' and 3' ends"

modified\_base  
 8  
 /mod\_base="m5c"

## Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCCTGAGTC 1376  
 1 TCCATGTGCTCCTGAGTC 20

Db

## RESULT 1406

AX403741  
 LOCUS AX403741 20 bp DNA linear PAT 14-JUN-2002  
 DEFINITION Sequence 96 from Patent WO0077037.  
 ACCESSION AX403741  
 VERSION AX403741.1 GI:21437178  
 KEYWORDS  
 SOURCE  
 ORGANISM

REFERENCE  
 1  
 AUTHORS Ashkenazi, A., Baker, K., Botstein, D., Desnoyers, L., Eaton, D. L.,  
 Ferrara, N., Fong, S., Gao, W. Q., Gerber, H., Gertschen, M. E.,  
 Goddard, A., Godowski, P., Gurney, A., Kijavits, I. J., Mather, J.,  
 Napier, M., Pan, J., Paoni, N., Roy, W., Tamas, D., Watanabe, C.,  
 Williams, P. M., Wood, W. I. and Zhang, Z.  
 TITLE Secreted and transmembrane polypeptides and nucleic acids encoding  
 JOURNAL Patent: WO 0077037-A 96 21-DEC-2000;  
 Genentech Inc. (US)  
 FEATURES  
 source  
 1.20  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Synthetic oligonucleotide probe"

## Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTCTCAGTGCTA 2719  
 1 TTGCTTACTCAGTGCTA 19

Db

## RESULT 1407

AX456986/c  
LOCUS AX456986 20 bp DNA linear PAT 06-JUL-2002  
DEFINITION Sequence 6 from Patent WO0230972.  
ACCESSION AX456986  
VERSION AX456986.1 GI:21715779  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
AUTHORS Encinas, J. and Tanabe, E.  
TITLE Regulation of nf- $\kappa$ B interacting protein nip 45 like protein  
JOURNAL Patent: WO 0230972-A 6 18-APR-2002;  
Bayer Aktiengesellschaft (DE)  
FEATURES  
Location/Qualifiers  
source 1..20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Primer: Nip-2"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5018 CAGGAGGCTGGGCTCTT 5036  
19 CTGGAGGCTGGGCTCTT 1  
Db

RESULT 1408  
LOCUS AX467415 20 bp DNA linear PAT 16-JUL-2002  
DEFINITION Sequence 4 from Patent WO0246463.  
ACCESSION AX467415  
VERSION AX467415.1 GI:21900623  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
AUTHORS Smith, C.A. and Coombs, N.  
TITLE Nucleic acid extraction method and kit  
JOURNAL Patent: WO 0246463-A 4 13-JUN-2002;  
Genovar Diagnostics Ltd. (GB)  
FEATURES  
Location/Qualifiers  
source 1..20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="PCR primer"

primer\_bind  
Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3472 CACAGAGTCAGGCCGAG 3490  
19 CACAGACTCCATGCCGAG 1  
Db

RESULT 1409  
LOCUS AX486965 20 bp DNA linear PAT 16-AUG-2002  
DEFINITION Sequence 4265 from Patent WO02053728.  
ACCESSION AX486965  
VERSION AX486965.1 GI:22321113  
KEYWORDS  
SOURCE Candida albicans  
ORGANISM Candida albicans

Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes; Saccharomycetales; mitosporic Saccharomycetales; Candida.  
REFERENCE  
AUTHORS Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L.  
TITLE Gene disruption methodologies for drug target discovery  
JOURNAL Patent: WO 02053728-A 4265 11-JUL-2002;  
Eli Lilly Pharmaceuticals, Inc. (US)  
FEATURES  
Location/Qualifiers  
source 1..20  
/organism="Candida albicans"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:5476"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3517 CGCTGCTTCAGAGGACT 3535  
2 CGCTACTTCAGAGGACT 20  
Db

RESULT 1410  
LOCUS AX488026 20 bp DNA linear PAT 16-AUG-2002  
DEFINITION Sequence 5326 from Patent WO02053728.  
ACCESSION AX488026  
VERSION AX488026.1 GI:22322106  
KEYWORDS  
SOURCE Candida albicans  
ORGANISM Candida albicans  
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes; Saccharomycetales; mitosporic Saccharomycetales; Candida.  
REFERENCE  
AUTHORS Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L.  
TITLE Gene disruption methodologies for drug target discovery  
JOURNAL Patent: WO 02053728-A 5326 11-JUL-2002;  
Eli Lilly Pharmaceuticals, Inc. (US)  
FEATURES  
Location/Qualifiers  
source 1..20  
/organism="Candida albicans"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:5476"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1300 AGCTCAGCCCACTGACAG 1318  
1 AGCTCCACCACTGGCAG 19  
Db

RESULT 1411  
LOCUS AX488222 20 bp DNA linear PAT 16-AUG-2002  
DEFINITION Sequence 5522 from Patent WO02053728.  
ACCESSION AX488222  
VERSION AX488222.1 GI:22322302  
KEYWORDS  
SOURCE Candida albicans  
ORGANISM Candida albicans  
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes; Saccharomycetales; mitosporic Saccharomycetales; Candida.  
REFERENCE  
AUTHORS Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L.  
TITLE Gene disruption methodologies for drug target discovery  
JOURNAL Patent: WO 02053728-A 5522 11-JUL-2002;  
Eli Lilly Pharmaceuticals, Inc. (US)  
FEATURES  
Location/Qualifiers  
source 1..20  
/organism="Candida albicans"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:5476"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2180 GAACATTCTCCGGTCTCTG 2198

Db 19 GAACATTCTCCGGTCTCTG 1

RESULT 1412

AX488470

LOCUS AX488470. 20 bp DNA linear PAT 16-AUG-2002

DEFINITION Sequence 5770 from Patent WO02053728.

ACCESSION AX488470

VERSION AX488470.1 GI:22322550

KEYWORDS

SOURCE

ORGANISM Candida albicans

Candida albicans

Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;

Saccharomycetales; Saccaromycetales; Candida.

REFERENCE 1 Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L.

AUTHORS Gene disruption methodologies for drug target discovery

TITLE Patent: WO 02053728-A 5770 11-JUL-2002;

JOURNAL Biltro Pharmaceuticals, Inc. (US)

FEATURES 1.20 Location/Qualifiers

source /organism="Candida albicans"

/mol\_type="unassigned DNA"

/db\_xref="taxon:5476"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1982 GGTGCTGCGCCAGCTGAG 2000

Db 2 GGTGCTGCTCCAGGCTGAG 20

RESULT 1413

AX496861

LOCUS AX496861 20 bp DNA linear PAT 26-SEP-2002

DEFINITION Sequence 3 from Patent WO0205749.

ACCESSION AX496861

VERSION AX496861.1 GI:23342381

KEYWORDS

SOURCE

ORGANISM synthetic construct

synthetic construct

artificial sequences.

REFERENCE 1 Ho, S.P.

AUTHORS Crt 2? ligands in combination therapy

TITLE Patent: WO 0205749-A 3 24-JAN-2002;

JOURNAL Bristol-Myers Squibb Pharma Company (US)

FEATURES 1.20 Location/Qualifiers

source /organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Antisense Oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCAGCATCTTCATC 1733

Db 20 CCTCATCACCACTTCATC 2

RESULT 1414

AX521943

LOCUS AX521943 20 bp DNA linear PAT 24-OCT-2002

DEFINITION Sequence 139 from Patent WO02064789.

ACCESSION AX521943

VERSION AX521943.1 GI:24410841

KEYWORDS

SOURCE

ORGANISM synthetic construct

synthetic construct

artificial sequences.

REFERENCE 1 Lind, P., Parodi, L.A., Vogell, G. and Wood, L.S.

AUTHORS G protein-coupled receptor

TITLE Patent: WO 02064789-A 139 22-AUG-2002;

JOURNAL PHARMACIA &amp; UPJOHN COMPANY (US)

FEATURES 1.20 Location/Qualifiers

source /organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Novel Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1908 CACTCCCTGCAGAGAAATCA 1926

Db 1 CACACCACCCAGAGAAATCA 19

RESULT 1415

AX521972

LOCUS AX521972 20 bp DNA linear PAT 24-OCT-2002

DEFINITION Sequence 168 from Patent WO02064789.

ACCESSION AX521972

VERSION AX521972.1 GI:24410870

KEYWORDS

SOURCE

ORGANISM synthetic construct

synthetic construct

artificial sequences.

REFERENCE 1 Lind, P., Parodi, L.A., Vogell, G. and Wood, L.S.

AUTHORS G protein-coupled receptor

TITLE Patent: WO 02064789-A 168 22-AUG-2002;

JOURNAL PHARMACIA &amp; UPJOHN COMPANY (US)

FEATURES 1.20 Location/Qualifiers

source /organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Novel Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1908 CACTCCCTGCAGAGAAATCA 1926

Db 1 CACACCACCCAGAGAAATCA 19

RESULT 1416

AX546909

LOCUS AX546909 20 bp DNA linear PAT 01-MAR-2003

DEFINITION Sequence 48 from Patent WO02053141.

ACCESSION AX546909

VERSION AX546909.1 GI:25812053

KEYWORDS

SOURCE

ORGANISM synthetic construct

synthetic construct

artificial sequences.

AUTHORS Bratzler, R.L.  
TITLE Inhibition of angiogenesis by nucleic acids  
JOURNAL Patent: WO 02053141-A 48 11-JUL-2002;  
Coley Pharmaceutical Group, Inc. (US)  
FEATURES  
source 1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
modified\_base 8  
/mod\_base=m5c

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1357 TCACGAGGCTCTGAGTCT 1376  
Db 1 TCCATGTGCTCTGAGTCT 20

RESULT 1417  
AX547916/c 20 bp DNA linear PAT 01-MAR-2003  
LOCUS AX547916  
DEFINITION Sequence 1055 from Patent WO02053141.  
ACCESSION AX547916  
VERSION AX547916.1 GI:25813060  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bratzler, R.L.  
TITLE Inhibition of angiogenesis by nucleic acids  
JOURNAL Patent: WO 02053141-A 1055 11-JUL-2002;  
Coley Pharmaceutical Group, Inc. (US)  
FEATURES  
source 1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="synthetic sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 888 CCCCCAAGAACATCCCGC 906  
Db 19 CCCCCAACATCATCCCC 1

RESULT 1418  
AX553610/c 20 bp DNA linear PAT 27-NOV-2002  
LOCUS AX553610  
DEFINITION Sequence 14 from Patent WO02074946.  
ACCESSION AX553610  
VERSION AX553610.1 GI:25897608  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
TITLE Setup, P., Heimberg, H. and Gradwohl, G.  
JOURNAL Method for generating insulin-secreting cells suitable for  
transplantation  
Patent: WO 02074946-A 14 26-SEP-2002;  
NOVO NORDISK A/S (DK)  
FEATURES  
source 1. .20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 510 ACCATGTCCTCCCTGGA 528  
Db 20 ACCACGGCTCTGCTGGA 2

RESULT 1419  
AX601178 20 bp DNA linear PAT 17-FEB-2003  
LOCUS AX601178  
DEFINITION Sequence 273 from Patent WO02092851.  
ACCESSION AX601178  
VERSION AX601178.1 GI:28401251  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bins, M.M. and Swinburne, J.E.  
TITLE Genetic typing  
JOURNAL Patent: WO 02092851-A 273 21-NOV-2002;  
ANIMAL HEALTH TRUST (GB); The British Horseracing Board (GB)  
FEATURES  
source 1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4231 ACAGAGTTCACCTGCTGTG 4249  
Db 1 ACAGAGCTGACTGCTATG 19

RESULT 1420  
AX601222/c 20 bp DNA linear PAT 17-FEB-2003  
LOCUS AX601222  
DEFINITION Sequence 317 from Patent WO02092851.  
ACCESSION AX601222  
VERSION AX601222.1 GI:28401305  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bins, M.M. and Swinburne, J.E.  
TITLE Genetic typing  
JOURNAL Patent: WO 02092851-A 317 21-NOV-2002;  
ANIMAL HEALTH TRUST (GB); The British Horseracing Board (GB)  
FEATURES  
source 1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2801 GGAAGGAGAAATGAGAA 2819  
Db 20 GGAAGCAGAAAGTGATGAA 2

RESULT 1421  
AX675433 20 bp DNA linear PAT 27-MAR-2003  
LOCUS AX675433  
DEFINITION Sequence 157 from Patent WO0246408.  
ACCESSION AX675433  
VERSION AX675433.1 GI:29333499  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Li, L., Furtak, K., Perna, A., Paturajan, M., Shinkels, R. A., Guo, X., Casman, S. J., Burgess, C. E., Malyankar, U. M., Tchiernev, V. T., Varner, C. A., Spytek, K. A., Agee, M., Rastelli, L., Shenoy, S. G., Grose, W. M., Alsbrook, J. P., Lepley, D. M., Gerlach, V., Edinger, S., Macdonald, J. R., Peyman, J. A., Gunther, E., Stone, D. J., Ellerman, K. and Gangolli, E. A.  
TITLE Human proteins, polynucleotides encoding them and methods of using the same  
JOURNAL Patent: WO 0246408-A 157 13-JUN-2002;  
Curagen Corporation (US)  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1031 TGGGCTTCAGAGAGCAT 1049  
Db 2 TGGGCATCCAGAGATCTT 20

RESULT 1422  
AX697533 20 bp DNA linear PAT 02-APR-2003  
LOCUS AX697533  
DEFINITION Sequence 124 from Patent WO0104311.  
ACCESSION AX697533  
VERSION AX697533.1 GI:29498643  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Ashkenazi, A. J., Botstein, D., Desnoyers, L., Eaton, D. L., Ferrara, N., Filvaroff, E., Fong, S., Gao, W. Q., Gerber, H., Gertlissen, M. E., Goddard, A., Godowski, P. J., Grimaldi, C. J., Gurney, A. L., Hillan, K. J., Kijavini, I. J., Mather, J. P., Pan, J., Paoni, N. F., Roy, M. A., Stewart, T. A., Tumas, D., Williams, P. M. and Wood, W. I.  
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same  
JOURNAL Patent: WO 0104311-A 124 18-JAN-2001;  
Genentech Inc. (US)  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Oligonucleotide Probe"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCAGGTGCTA 2719  
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1423  
AX698780 20 bp DNA linear PAT 02-APR-2003  
LOCUS AX698780/c  
DEFINITION Sequence 16 from Patent WO0208938.  
ACCESSION AX698780  
VERSION AX698780.1 GI:29499569  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Belardelli, F., Santini, S. M., Parlato, S., di Pucchio, T., Logozzi, M., la Penta, C., Ferrantini, M., Santodonato, L. and D'Agostino, G.  
TITLE Method for generating highly active human dendritic cells from monocytes  
JOURNAL Patent: WO 0208938-A 16 07-NOV-2002;  
Istituto Superiore di Sanita (IT)  
FEATURES  
source Location/Qualifiers  
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/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer-Dendritic specific chemokine 3' amplification primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3171 GACCCCATGACGATGCGG 3189  
Db 19 GACCCCATGACGATGCGG 1

RESULT 1424  
AX701129 20 bp DNA linear PAT 03-APR-2003  
LOCUS AX701129/c  
DEFINITION Sequence 5 from Patent WO03012134.  
ACCESSION AX701129  
VERSION AX701129.1 GI:29536899  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Brown, J., Raymond, V., Morissette, J. and Laurin, N.  
TITLE Paget disease of bone  
JOURNAL Patent: WO 03012134-A 5 13-FEB-2003;  
Brown, Jacques (CA); Raymond, Vincent (CA); Morissette, Jean (CA); Laurin, Nancy (CA)  
FEATURES  
source Location/Qualifiers  
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/db\_xref="taxon:32630"  
/note="CA5-3 forward primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3589 CCTTCCTTAGCCTGCTCC 3607  
Db 19 CCTTCCTTAGCCTGCTCC 1

RESULT 1425  
AX704554 20 bp DNA linear PAT 03-APR-2003  
LOCUS AX704554  
DEFINITION Sequence 29 from Patent WO02060935.  
ACCESSION AX704554  
VERSION AX704554.1 GI:29538635  
KEYWORDS



SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Fitzgerald,D.  
TITLE A chimeric protein comprising non-toxic Pseudomonas exotoxin A and type IV pilin sequences  
JOURNAL Patent: WO 02060935-A 29 08-AUG-2002;  
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)  
FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer nadB4 (20 nc)"  
Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1725 ATCTTCATCGGCACTCGA 1743  
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Db 1 ATCTCCATCGGCACTCGA 19  
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RESULT 1426  
AX708764 20 bp DNA linear PAT 04-APR-2003  
LOCUS AX708764  
DEFINITION Sequence 89 from Patent WO2074991.  
ACCESSION AX708764  
VERSION AX708764.1 GI:29564494  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Karlson,F.  
TITLE Detection of microorganisms using inducible genes  
JOURNAL Patent: WO 02074991-A 89 26-SEP-2002;  
Norchip A/S (NO)  
FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"  
Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 3339 TACGACGACGCCCAAG 3357  
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Db 1 TACGACGACGACGCCAAG 19  
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RESULT 1427  
AX720629 20 bp DNA linear PAT 15-APR-2003  
LOCUS AX720629  
DEFINITION Sequence 206 from Patent WO02099034.  
ACCESSION AX720629  
VERSION AX720629.1 GI:2892442  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Huletsky,A. and Rosbach,V.  
TITLE Sequences for detection and identification of methicillin-resistant  
JOURNAL Stepheyllococcus aureus  
Patent: WO 02099034-A 206 12-DEC-2002;  
Infectio Diagnostic (I.D.I.) INC. (CA)  
FEATURES  
Location/Qualifiers

source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"  
Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 735 TTCTTCACCAAGCTGAGC 753  
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Db 20 TTCTTCAGCAACTCGACC 2  
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RESULT 1428  
AX768018 20 bp DNA linear PAT 02-JUL-2003  
LOCUS AX768018  
DEFINITION Sequence 4 from Patent EP1316561.  
ACCESSION AX768018  
VERSION AX768018.1 GI:32436696  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Lee,D.B., Oh,M.S., Kim,K.W., Chung,B.S. and Park,J.S.  
TITLE Fusion protein having enhanced in vivo erythropoietin activity  
JOURNAL Patent: EP 1316561-A 4 04-JUN-2003;  
Cheil Jedang Corporation (KR)  
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/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer EC2 having the terminal sequence of EPO cDNA"  
complementary to the terminal sequence of EPO cDNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 3308 GTCCCTGACGACGACC 3326  
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Db 1 GTCCCTGTCTCTGACGACC 19  
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RESULT 1429  
AX770222 20 bp DNA linear PAT 02-JUL-2003  
LOCUS AX770222  
DEFINITION Sequence 12 from Patent WO03020958.  
ACCESSION AX770222  
VERSION AX770222.1 GI:32437754  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Carlson,R.M. and Wren,B.W.  
TITLE Campylobacter typing  
JOURNAL Patent: WO 03020958-A 12 13-MAR-2003;  
Exponential Biotherapies, Inc. (US)  
FEATURES  
source  
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/organism="synthetic construct"  
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/db\_xref="taxon:32630"  
/note="Primer DL4"  
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Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2293 CTACCTGGAGCGAGAAAC 2311  
DB 20 CGACCTGGAGACGACGAC 2

RESULT 1430  
AX774425 20 bp DNA linear PAT 09-JUL-2003  
LOCUS AX774425  
DEFINITION Sequence 37 from Patent EP1310555.  
ACCESSION AX774425  
VERSION AX774425.1 GI:32486077  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bennett, C.F. and Dean, N.  
TITLE Oligonucleotide modulation of protein kinase C  
JOURNAL Patent: EP 1310555-A 37 14-MAY-2003;  
ISIS PHARMACEUTICALS, INC. (US)  
FEATURES  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGGCCAGAAACGCGAGCTG 3002  
DB 1 GGCCCGAGAAACGTAGCAG 19

RESULT 1431  
AX775681 20 bp DNA linear PAT 14-JUL-2003  
LOCUS AX775681  
DEFINITION Sequence 6 from Patent EP1319712.  
ACCESSION AX775681  
VERSION AX775681.1 GI:32693460  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Lee, D.E., Oh, M.S., Chung, B.S., Park, J.S. and Kim, K.W.  
TITLE Fusion protein having enhanced in vivo activity of erythropoietin  
JOURNAL Patent: EP 1319712-A 6 18-JUN-2003;  
Chell Jeedang Corporation (KR)  
FEATURES  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer EP2 having the nucleotide sequence complementary to the terminal sequence of EPO cDNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3308 GTCCCTGACGAGAGCCC 3326  
DB 1 GTCCCTGTCTCTCGAGGCC 19

RESULT 1432  
AX785515 20 bp DNA linear PAT 17-JUL-2003  
LOCUS AX785515  
DEFINITION Sequence 23 from Patent WO03050299.  
ACCESSION AX785515  
VERSION AX785515.1 GI:32953135

KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Cullen, P. and Seedorf, U.  
TITLE Method for analysing hereditary masculine infertility  
JOURNAL Patent: WO 03050299-A 23 19-JUN-2003;  
OGHAM GmbH (DE)  
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source 1..20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2091 TTCATGTCATGAGAACT 2109  
DB 1 TTTATGTTCTATGGAATCT 19

RESULT 1433  
AX811478/c 20 bp DNA linear PAT 04-DEC-2003  
LOCUS AX811478  
DEFINITION Sequence 5 from Patent WO03062463.  
ACCESSION AX811478  
VERSION AX811478.1 GI:38635700  
KEYWORDS  
SOURCE Campylobacter sp.  
ORGANISM Bacteria; Proteobacteria; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Campylobacter.  
REFERENCE 1  
AUTHORS Wang, G. and Rodgers, F.G.  
TITLE One-step multiplex PCR for the identification and differentiation of campylobacter species  
JOURNAL Patent: WO 03062463-A 5 31-JUL-2003;  
MINISTER OF HEALTH (CA)  
FEATURES  
source 1..20  
/organism="Campylobacter sp."  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:205"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 273 TCTCTCTTCTCTCTCTCT 291  
DB 20 TCTCTTTGCTATCTCTCT 2

RESULT 1434  
AX938772 20 bp DNA linear PAT 07-JAN-2004  
LOCUS AX938772  
DEFINITION Sequence 217 from Patent EP1365034.  
ACCESSION AX938772  
VERSION AX938772.1 GI:40733152  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Wirtz, R., Munnes, M. and Kallabis, H.  
TITLE Methods and compositions for the prediction, diagnosis, prognosis, prevention and treatment of malignant neoplasia  
JOURNAL Patent: EP 1365034-A 217 26-NOV-2003;  
Bayer HealthCare AG (DE)

FEATURES  
source  
Location/Qualifiers  
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/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="LOC51242 for"

Query Match  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4882 GGTTCCTGTGCTCTC 4900  
2 GGGTCCCTGTGCTCTTC 20

RESULT 1435  
AX938842 20 bp DNA linear PAT 07-JAN-2004  
LOCUS AX938842  
DEFINITION Sequence 287 from Patent EP1365034.  
ACCESSION AX938842  
VERSION AX938842.1 GI:40733222  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS  
TITLE  
Wirtz,R., Munnes,M. and Kallabis,H.  
Method and compositions for the prediction, diagnosis, prognosis,  
prevention and treatment of malignant neoplasia  
Patent: EP 1365034-A 287 26-NOV-2003;  
JOURNAL  
Bayer Healthcare AG (DE)  
FEATURES  
source  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
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/note="D1184358 forward primer"

Query Match  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2407 TCGAGGAGGAATCAC 2425  
1 TCGAGGAGCAAAATCAC 19

RESULT 1436  
AX955984 20 bp DNA linear PAT 08-JAN-2004  
LOCUS AX955984  
DEFINITION Sequence 30 from Patent WO03097685.  
ACCESSION AX955984  
VERSION AX955984.1 GI:40784591  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS  
TITLE  
Lancee,D., Adato,A., Avidan,N., Belenkiy,O., Olender,Z.,  
Ben-Asher,E., Pietrkowski,S. and Beckmann,J.  
Clarin polypeptides, polynucleotides encoding same and uses thereof  
in diagnosis and treatment of usher's syndrome  
Patent: WO 03097685-A 30 27-NOV-2003;  
JOURNAL  
YEDA RESEARCH AND DEVELOPMENT COMPANY, LTD. (IL)  
FEATURES  
source  
Location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Single strand DNA oligonucleotide"

Query Match  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 85 TCTTCAGAGTGGCCACAA 103  
19 TCTCCAAAATGGCCACAA 1

RESULT 1437  
BD000538 20 bp DNA linear PAT 09-JAN-2004  
LOCUS BD000538  
DEFINITION Method for discriminating crops of family Rosa by using novel  
resistance factor-like DNA and novel resistance factor-like DNA to  
be used therefor.  
ACCESSION  
VERSION BD000538.1 GI:18623651  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS  
TITLE  
Sakurai,K., Ikeda,H., Yamamoto,T., Hayashi,T. and Matsuda,N.  
Method for discriminating crops of family Rosa by using novel  
resistance factor-like DNA and novel resistance factor-like DNA to  
Patent: JP 2000342280-A 16 12-DEC-2000;  
JOURNAL  
FRUIT TREE RES STATION  
COMMENT  
OS Artificial Sequence  
PN JP 2000342280-A/16  
PD 12-DEC-2000  
PF 03-APR-2000 JP 2000101534  
PR  
PI KENJI SAKURAI,HIROYUKI IKETANI,TOSHIYA YAMAMOTO, PI  
TAKESHIGE HAYASHI,  
PI NAGAO MATSUDA  
PC C12N15/09,A01H1/00,C12Q1/68,G01N33/50,C12N15/00 CC  
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Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 429 GCAGTGGAGGCGCTCCGC 447  
19 GTAGTGGATGGGCTCCCC 1

RESULT 1438  
BD006253 20 bp DNA linear PAT 31-JAN-2002  
LOCUS BD006253  
DEFINITION Antisense inhibition of ras gene with chimeric and alternating  
oligonucleotides.  
ACCESSION BD006253  
VERSION BD006253.1 GI:18634624  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS  
TITLE  
Ecker,D.J., Cook,P.D., Monia,B.P., Freier,S.M. and Sang,Y.S.  
Antisense inhibition of ras gene with chimeric and alternating  
oligonucleotides  
Patent: JP 2001500530-A 20 16-JAN-2001;  
JOURNAL  
ISIS PHARMACEUTICALS INC  
COMMENT  
OS Artificial Sequence  
PN JP 2001500530-A/20  
PD 16-JAN-2001

PF 30-APR-1998 JP 1998547418  
PR 30-APR-1997 US 08/848840  
PI DAVID J ECKER, PHILIP DAN COOK, BRETT P MONIA, SUSAN M FREIER, PI  
YOGESH S SANGHVI  
PC C1201/68, C12P19/34, C07H19/16, C07H19/167, C07H19/173, C07H19/067,  
PC C07H19/06,  
PC C07H19/09, C07H21/04, A61K48/00  
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FT source 1. .20 Location/Qualifiers  
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/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 217 GCCCGGCGAGCGGTGCGAG 235  
DB 19 GCCCGGCGGCGGAGCGAG 1

RESULT 1439  
BD016028 20 bp DNA linear PAT 27-AUG-2002  
LOCUS BD016028  
DEFINITION Oligonucleotide modulation of protein kinase C-epsilon.  
ACCESSION BD016028  
VERSION BD016028.1 GI:22557166  
KEYWORDS JP 2001224386-A/37.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett, F.C., Boggs, R.T. and Dean, N.M.  
TITLE Oligonucleotide modulation of protein kinase C-epsilon  
JOURNAL Patent: JP 2001224386-A 37 21-AUG-2001;  
ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2001224386-A/37  
PD 21-AUG-2001  
PR 13-DEC-2000 JP 2000379218  
PR 09-JUL-1993 US 08/089996, 22-FEB-1994 US 08/199779 PI  
FRANK C BENNETT, RUSSELL T BOGGS, NICHOLAS M DEAN PC  
C12N15/09, A61K48/00, C12Q1/48, C12Q1/68, G01N33/15, G01N33/50, PC  
G01N33/53,  
PC G01N33/566, G01N33/573//A61K31/711, A61K31/712, A61K31/7125, PC  
A61P35/00,  
PC A61P43/00, A61P43/00, C12N5/10, C12N5/00, C12N5/00 CC synthetic  
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FT source 1. .20 Location/Qualifiers  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGGCCAGAAACGACGCTG 3002  
DB 1 GGGCCAGAAACGACGAG 19

RESULT 1440  
BD016147 20 bp DNA linear PAT 27-AUG-2002  
LOCUS BD016147

DEFINITION Oligonucleotide modulation of protein kinase C-zeta.  
ACCESSION BD016147  
VERSION BD016147.1 GI:22557285  
KEYWORDS JP 2001224387-A/37.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett, F.C., Boggs, R.T. and Dean, N.M.  
TITLE Oligonucleotide modulation of protein kinase C-zeta  
JOURNAL Patent: JP 2001224387-A 37 21-AUG-2001;  
ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2001224387-A/37  
PD 21-AUG-2001  
PR 13-DEC-2000 JP 2000379249  
PR 09-JUL-1993 US 08/089996, 22-FEB-1994 US 08/199779 PI  
FRANK C BENNETT, RUSSELL T BOGGS, NICHOLAS M DEAN PC  
C12N15/09, A61K31/7088, A61K48/00, A61P29/00, A61P35/00, A61P43/00, PC  
C07H21/00,  
PC C12Q1/48, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, G01N33/566, PC  
G01N33/573//  
PC C12N5/10, C12N15/00, C12N5/00  
CC synthetic  
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/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGGCCAGAAACGACGCTG 3002  
DB 1 GGGCCAGAAACGACGAG 19

RESULT 1441  
BD017299 20 bp DNA linear PAT 27-AUG-2002  
LOCUS BD017299  
DEFINITION Oligonucleotide modulation of protein kinase C-eta.  
ACCESSION BD017299  
VERSION BD017299.1 GI:22558475  
KEYWORDS JP 2001231579-A/37.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett, F.C., Boggs, R.T. and Dean, N.M.  
TITLE Oligonucleotide modulation of protein kinase C-eta  
JOURNAL Patent: JP 2001231579-A 37 28-AUG-2001;  
ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2001231579-A/37  
PD 28-AUG-2001  
PR 13-DEC-2000 JP 2000379234  
PR 09-JUL-1993 US 08/089996, 22-FEB-1994 US 08/199779 PI  
FRANK C BENNETT, RUSSELL T BOGGS, NICHOLAS M DEAN PC  
C12N15/09, A61K31/711, A61K31/712, A61K31/7125, A61K48/00, A61P29/00  
PC A61P43/00, C07H21/00, C12Q1/48, C12Q1/68, G01N33/15, G01N33/50, PC  
G01N33/53,  
PC G01N33/566//C12N5/10, G01N33/68, C12N15/00, C12N5/00 CC  
FH Key 1. .20 Location/Qualifiers  
FT source 1. .20 Location/Qualifiers  
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/db\_xref="taxon:32630"

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/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred.No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2984 GGCACAGAAACGACGCTG 3002  
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Db 1 GGCACAGAAACGACGAG 19

RESULT 1442

BD070929 20 bp DNA linear PAT 27-AUG-2002

LOCUS BD070929 Sequence alterations using homologous recombination.  
DEFINITION BD070929  
ACCESSION BD070929  
VERSION BD070929.1 GI:22616532  
KEYWORDS JP 2001518803-A/5.  
SOURCE JP 2001518803-A/5.  
ORGANISM JP 2001518803-A/5.  
synthetic construct  
synthetic construct  
artificial sequences.  
1 (bases 1 to 20)

REFERENCE  
AUTHORS Pati.S. and Zarling,D.A.  
TITLE Sequence alterations using homologous recombination  
JOURNAL Patent: JP 2001518803-A 5 16-OCT-2001;  
SRI INTERNATIONAL  
OS Artificial Sequence  
PN JP 2001518803-A/5  
PD 16-OCT-2001  
PR 16-MAR-1998 JP 1998545776  
PR 21-MAR-1997 US 60/041173,13-AUG-1997 US 08/910367 PI  
SUSOMA PATI, DAVID A ZARLING  
CC C07H21/04,C07K14/00,C12N15/00,C12P19/34  
PC Description of Artificial Sequence: Synthetic FH Key  
Location/Qualifiers  
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/organism='Artificial Sequence'.  
Location/Qualifiers  
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/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

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/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred.No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 349 CTGAGCGCTGAAACAGCA 367  
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Db 2 CAGAGTACTGTAACAGCA 20

RESULT 1443

BD073147 20 bp DNA linear PAT 27-AUG-2002

LOCUS BD073147 Antisense oligonucleotide inhibition of RAS.  
DEFINITION BD073147  
ACCESSION BD073147  
VERSION BD073147.1 GI:22618750  
KEYWORDS JP 2001509394-A/20.  
SOURCE JP 2001509394-A/20.  
ORGANISM JP 2001509394-A/20.  
unidentified  
unidentified  
unclassified.  
1 (bases 1 to 20)

REFERENCE  
AUTHORS Monia,B.P., Cowcert,L.M. and Manoharan,M.  
TITLE Antisense oligonucleotide inhibition of RAS  
JOURNAL Patent: JP 2001509394-A 20 24-JUL-2001;  
ISIS PHARMACEUTICALS INC  
OS Unidentified  
PN JP 2001509394-A/20  
PI 24-JUL-2001

PF 06-JUL-1998 JP 2000502223  
PR 08-JUL-1997 US 08/889296  
PI BRENT P MONIA, LEX M COWCERT, MISIA MANOHARAN  
PC C12N15/09,A61K31/7088,A61K48/00,A61P5/00,C12N15/00 CC  
Strandedness: Single;  
CC Topology: Linear;  
CC Antisense oligonucleotide inhibition of RAS  
FH Key Location/Qualifiers  
FT source 1..20  
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Location/Qualifiers  
1..20  
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/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred.No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 217 GCGCGGCGGCGGCGGCGAG 235  
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Db 19 GCGCGGCGGCGGCGGCGAG 1

RESULT 1444

BD075470 20 bp DNA linear PAT 27-AUG-2002

LOCUS BD075470 Secretory and transmembrane polypeptide and nucleic acid encoding  
DEFINITION BD075470  
ACCESSION BD075470  
VERSION BD075470.1 GI:22621073  
KEYWORDS JP 2001516580-A/103.  
SOURCE JP 2001516580-A/103.  
ORGANISM JP 2001516580-A/103.  
synthetic construct  
synthetic construct  
artificial sequences.  
1 (bases 1 to 20)

REFERENCE  
AUTHORS Wood,W.I., Gurney,A.L., Goddard,A., Penica,D., Chen,J. and Yuan,J.  
TITLE Secretory and transmembrane polypeptide and nucleic acid encoding  
JOURNAL the same  
PATENT: JP 2001516580-A 103 02-OCT-2001;  
GENENTECH INC  
OS Artificial Sequence  
PN JP 2001516580-A/103  
PD 02-OCT-2001  
PR 16-SEP-1998 JP 2000511867  
PR 17-SEP-1997 US 60/059115,17-SEP-1997 US 60/059184 PR  
PR 17-SEP-1997 US 60/059122,17-SEP-1997 US 60/059121 PR  
PR 17-SEP-1997 US 60/059113,17-SEP-1997 US 60/059263 PR  
PR 17-SEP-1997 US 60/059119,18-SEP-1997 US 60/062125 PR  
PR 18-SEP-1997 US 60/059266,15-OCT-1997 US 60/062285 PR  
PR 17-OCT-1997 US 60/062287,17-OCT-1997 US 60/062816 PR  
PR 21-OCT-1997 US 60/063486,24-OCT-1997 US 60/063127 PR  
PR 24-OCT-1997 US 60/062814,24-OCT-1997 US 60/063120 PR  
PR 24-OCT-1997 US 60/063120,24-OCT-1997 US 60/063121 PR  
PR 24-OCT-1997 US 60/063045,24-OCT-1997 US 60/063122 PR  
PR 27-OCT-1997 US 60/063329,27-OCT-1997 US 60/063327 PR  
PR 28-OCT-1997 US 60/063549,28-OCT-1997 US 60/063542 PR  
PR 28-OCT-1997 US 60/063550,28-OCT-1997 US 60/063564 PR  
PR 28-OCT-1997 US 60/063544,28-OCT-1997 US 60/063738 PR  
PR 29-OCT-1997 US 60/063734,29-OCT-1997 US 60/063735 PR  
PR 29-OCT-1997 US 60/063704,29-OCT-1997 US 60/064135 PR  
PR 29-OCT-1997 US 60/064135,29-OCT-1997 US 60/064735 PR  
PR 29-OCT-1997 US 60/064103,31-OCT-1997 US 60/064870 PR  
PR 03-NOV-1997 US 60/064248,07-NOV-1997 US 60/064809 PR  
PR 12-NOV-1997 US 60/065186,17-NOV-1997 US 60/065846 PR  
PR 18-NOV-1997 US 60/065693,21-NOV-1997 US 60/066120 PR  
PR 21-NOV-1997 US 60/066364,24-NOV-1997 US 60/066772 PR  
PR 24-NOV-1997 US 60/066466,24-NOV-1997 US 60/066770 PR  
PR 24-NOV-1997 US 60/066511,24-NOV-1997 US 60/066453 PR  
PR 25-NOV-1997 US 60/066511,24-NOV-1997 US 60/066453 PR  
PI WILLIAM I WOOD,AUSTIN L GURNEY,AUDLEY GODDARD,DIANE PENICA, PI  
JEAN CHEN.

PI JEAN YUAN  
PC C12N15/09, C07K14/47, C07K14/705, C07K16/18, C07K16/28, C07K19/00,  
PC C12N1/19,  
PC C12N1/21, C12N5/10, C12P21/02, C12P21/08, C12Q1/02// (C12P21/08, PC  
C12R1/31),  
PC C12N15/00, C12N5/00  
CC Description of Artificial Sequence: Synthetic FH Key  
Location/Qualifiers  
FT source 1..20  
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/organism='synthetic construct'  
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/db\_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTCTCAGGTGCTA 2719  
Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1445  
BD080759/c  
LOCUS BD080759 20 bp DNA linear PAT 27-AUG-2002  
DEFINITION Antisense remedy of pulmonary hypertension.  
ACCESSION BD080759  
VERSION BD080759.1 GI:22626362  
KEYWORDS JP 2001515011-A/12.  
SOURCE Rattus norvegicus (Norway rat)  
ORGANISM Rattus norvegicus  
Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;  
Rattus.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Higebottam, T., McCormack, K. and Smith, A.  
TITLE Antisense remedy of pulmonary hypertension  
JOURNAL Patent: JP 2001515011-A 12 18-SEP-2001;  
UNIVERSITY OF SHEFFIELD  
COMMENT OS Rattus norvegicus (rat)  
PN JP 2001515011-A/12  
PF 18-SEP-2001  
PR 02-SEP-1998 JP 2000508789  
PI TIMOTHY HIGEBOTTAM, KEITH MCCORMACK, ADRIAN SMITH PC  
A61K31/708, A61M11/00, A61M15/00, A61P3/06, C12N15/09, C12N15/00 CC  
Strandedness: Single;  
CC Topology: Linear;  
CC Antisense remedy of pulmonary hypertension  
FH key Location/Qualifiers  
FT source 1..20  
/organism='Rattus norvegicus (rat)'.  
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/mol\_type='genomic DNA'  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2912 CATCTCATGACATCAAG 2930  
Db 19 CATGCAACAGCATCAAG 1

RESULT 1446  
BD082092  
LOCUS BD082092 20 bp DNA linear PAT 27-AUG-2002

DEFINITION Reagents and methods useful for detecting diseases of the prostate.  
ACCESSION BD082092  
VERSION BD082092.1 GI:22627702  
KEYWORDS JP 2001523948-A/19.  
SOURCE Zea mays  
ORGANISM Zea mays  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD  
clade; Panicoideae; Andropogoneae; Zea.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cohen, M., Friedman, P.N., Gordon, J., Hodges, S.C., Klass, M.R.,  
Kratovich, J.D., Rapp, L.R., Russell, J.C. and Stroupe, S.D.  
TITLE Reagents and methods useful for detecting diseases of the prostate  
JOURNAL Patent: JP 2001523948-A 19 27-NOV-2001;  
ABBOTT LABORATORIES  
COMMENT PN JP 2001523948-A/19  
PD 27-NOV-2001  
PR 08-OCT-1997 JP 1998517758  
PF 08-OCT-1996 US 08/727688  
PI MAURICE COHEN, PAULA N FRIEDMAN, JULIAN GORDON, STEVEN C HODGES,  
PI MICHAEL R KLAAS, JON D KRATOCHVIL, LISA ROBERTS RAPP, JOHN C PI  
RUSSELL,  
PI STEVEN D STROUPE  
PC C12Q1/68, C07K14/47//C07K16/30, G01N33/574  
CC Strandedness: Single;  
CC Topology: Linear;  
FH key Location/Qualifiers  
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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5087 TTCAGCTCTGCTCTCTGG 5105  
Db 1 TTCGCTCGGCTTCTTAG 19

RESULT 1447  
BD089191  
LOCUS BD089191 20 bp DNA linear PAT 27-AUG-2002  
DEFINITION A method of arraying genome clone.  
ACCESSION BD089191  
VERSION BD089191.1 GI:22634801  
KEYWORDS JP 2001321190-A/1435.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Soeda, E.  
TITLE A method of arraying genome clone  
JOURNAL Patent: JP 2001321190-A 1435 20-NOV-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA  
COMMENT OS Artificial Sequence  
PN JP 2001321190-A/1435  
PD 20-NOV-2001  
PF 12-MAR-2001 JP 2001068285  
PI EITCHI SOSDA  
PC C12N15/09, C12N15/00, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC  
C12N15/00  
PC C12N15/00  
CC Description of Artificial Sequence: Synthetic DNA FH Key  
Location/Qualifiers  
FT source 1..20  
/organism='Artificial Sequence'.  
FEATURES  
source 1..20  
/organism='Artificial Sequence'.  
/mol\_type='genomic DNA'

/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2620 TCTTGGCAGATTGGAGC 2638  
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Db 2 TCTTGGCAGATTGGAGC 20

## RESULT 1448

BD089920/c 20 bp DNA linear PAT 27-AUG-2002

LOCUS BD089920 A method of arraying genome clone.  
DEFINITION BD089920

ACCESSION BD089920.1 GI:22635530

VERSION JP 2001321190-A/2164.

KEYWORDS JP 2001321190-A/2164.

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 20)

AUTHORS Soeda, E.

TITLE A method of arraying genome clone

JOURNAL Patent: JP 2001321190-A 2164 20-NOV-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

GENOTEC

OS Artificial Sequence

PN JP 2001321190-A/2164

PD 20-NOV-2001

PI 12-MAR-2001 JP 2001068285

PI EITCHI SOEDA

PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC

C12N15/00

CC Description of Artificial Sequence:Synthetic DNA FH Key

FT Location/Qualifiers

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Location/Qualifiers

1..20

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Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1260 CAGGTTCCTGCTGAGGCCA 1278  
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Db 20 CAGGTTCCTGCTGAGCCCTA 2

RESULT 1449

BD090219 20 bp DNA linear PAT 27-AUG-2002

LOCUS BD090219 A method of arraying genome clone.  
DEFINITION BD090219

ACCESSION BD090219.1 GI:22635829

VERSION JP 2001321190-A/2463.

KEYWORDS JP 2001321190-A/2463.

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 20)

AUTHORS Soeda, E.

TITLE A method of arraying genome clone

JOURNAL Patent: JP 2001321190-A 2463 20-NOV-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

GENOTEC

OS Artificial Sequence

PN JP 2001321190-A/2463

PD 20-NOV-2001

PI 12-MAR-2001 JP 2001068285

PI EITCHI SOEDA

PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC

C12N15/00

CC Description of Artificial Sequence:Synthetic DNA FH Key

FT Location/Qualifiers

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Location/Qualifiers

1..20

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/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

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Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2822 AAGTGAAGGAGGAGCTGCTG 2840  
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Db 2 AAGTGAAGGAGGAGGAGGAG 20

RESULT 1450

BD091827/c 20 bp DNA linear PAT 27-AUG-2002

LOCUS BD091827 LKB1 gene knock out animal.  
DEFINITION BD091827

ACCESSION BD091827.1 GI:22637438

VERSION WO 0072670-A/20.

KEYWORDS WO 0072670-A/20.

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 20)

AUTHORS Nezu, J., Ose, A., Jishage, K. and Jenne, D.E.

TITLE LKB1 gene knock out animal

JOURNAL Patent: WO 0072670-A 20 07-DEC-2000;  
CHUGAI RESEARCH INSTITUTE FOR MOLECULAR MEDICINE INC, CHUGAI PHARM

CO LTD, JUNICHI NEZU, ASUKA OSE, KOICHI JISHAGE, DIETER E JENNE

OS Artificial Sequence

PN WO 0072670-A/20

PD 07-DEC-2000 WO 2000JP003504

PI 31-MAY-1999 JP 99P 153030

PI JUNICHI NEZU, ASUKA OSE, KOICHI JISHAGE, DIETER E JENNE PC

A01K67/027, C12N15/63, C12N5/10

CC Description of Artificial Sequence:Artificially Synthesized CC

Primer Sequence

FT Location/Qualifiers

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Location/Qualifiers

1..20

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/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4826 TCTCCAGTGGAGAGATCTG 4844  
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Db 20 TCTCCCTTGGAGAGCTCTG 2

RESULT 1451

BD136925/c 20 bp DNA linear PAT 18-SEP-2002

LOCUS BD136925 Oligonucleotide for amplification and detection of Epstein-Bar

DEFINITION virus (EBV) nucleic acid.

ACCESSION BD136925

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VERSION      BD136925.1 GI:23231870
KEYWORDS     Human herpesvirus 4 (Epstein-Barr virus)
SOURCE       Human herpesvirus 4
ORGANISM     Gammaherpesvirinae; Lymphocryptovirus.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Vervoot,M.B.H.J., Den,A.J.C.V. and Middelorp,J.M.
TITLE        Oligonucleotide for amplification and detection of Epstein-Bar
JOURNAL      Patent: JP 2002505122-A 23 19-FEB-2002;

COMMENT      AKZO NOBEL NV
              OS   Epstein-barr virus
              PN   JP 2002505122-A/23
              PD   19-FEB-2002
              PR   01-MAR-1999 JP 2000534686
              PR   MARCEL BARTOLINA HENDRIKUS JOHANNES VERVOORT, PI
              PC   JOHANNES CHRISTIAAN VAN DEN BRULE,JAAP MICHEL, PI
              CC   C12N15/09,C12Q1/68,C12Q1/70,C12N15/00
              CC   Strandedness: Single;
              CC   Topology: linear;
              CC   Oligonucleotide for amplification and detection of Epstein-Bar

FEATURES     source
              CC   nucleic acid
              FH   Key
              FT   source
              FT   Location/Qualifiers
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                  /mol_type="genomic DNA"
                  /db_xref="taxon:10376"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      210 CAGAAAGCGCGCAGCC 228
Db      19 CAGAAAGCGGTGACGCC 1

RESULT 1452
LOCUS      BD141107
DEFINITION A highly sensitive method for detecting nucleic acids.
ACCESSION  BD141107
VERSION     BD141107.1 GI:23236052
KEYWORDS    WO 0202814-A/17.
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Mineno,T., Meiyancto,E., Ishida,N., Takeya,T., Asada,K. and Kato,I.
TITLE        A highly sensitive method for detecting nucleic acids
JOURNAL      Patent: WO 0202814-A 17 10-JAN-2002;
              TAKARA SHUZO CO.LTD, JUNICHI MINENO, EDY MEIYANTO, NORIHIRO ISHIDA,
              TATSUO TAKEYA, KIYOZO ASADA, IKUNOSHIN KATO
              OS   Artificial Sequence
              PN   WO 0202814-A/17
              PD   10-JAN-2002
              PR   04-JUL-2001 WO 2001JP005783
              PR   05-JUL-2000 JP 00P 204177,26-APR-2001 JP 01P 129603 PI
              PC   JUNICHI MINENO, EDY MEIYANTO, NORIHIRO ISHIDA, TATSUO TAKEYA, PI
              CC   KIYOZO ASADA,
              CC   PI IKUNOSHIN KATO
              CC   PC C12Q1/68,C12P19/34,C12N15/09
              CC   Designed oligonucleotide primer to amplify a portion of p16
              CC   FH   Key
              FT   source
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                  Location/Qualifiers

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              Location/Qualifiers
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                  /organism="Artificial Sequence"
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                  /db_xref="taxon:32630"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1255 GTCTCAGGTTCTGTGTA 1273
Db      1 GTCCGACGTTCTGTGTA 19

RESULT 1453
LOCUS      BD141810
DEFINITION Novel G protein coupled receptor protein and its DNA.
ACCESSION  BD141810
VERSION     BD141810.1 GI:23236755
KEYWORDS    WO 0216607-A/58.
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Terao,Y. and Shintani,Y.
TITLE        Novel G protein coupled receptor protein and its DNA
JOURNAL      Patent: WO 0216607-A 58 28-FEB-2002;
              TAKEDA CHEMICAL INDUSTRIES LTD, YASUKO TERAO, YASUSHI SHINTANI
              OS   Artificial Sequence
              PN   WO 0216607-A/58
              PD   28-FEB-2002
              PR   23-AUG-2001 WO 2001JP007209
              PR   24-AUG-2000 JP 00P 253862
              PC   YASUKO TERAO, YASUSHI SHINTANI
              PC   C12N15/11,C07K14/47,C12N5/10,C07K14/705,G01N33/50,G01N33/15,
              PC   C12P21/02,
              PC   A61K38/17,A61P1/00
              CC   Novel G protein coupled receptor protein and its DNA FH   Key
              FT   source
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                  Location/Qualifiers
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                  /organism="Artificial Sequence"
                  /mol_type="synthetic construct"
                  /db_xref="taxon:32630"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1662 TGGCAGCTCTCGACGAGA 1680
Db      2 TTCCAGCTCTCGCTTGA 20

RESULT 1454
LOCUS      BD172330
DEFINITION Secretd and transmembrane polypeptides and nucleic acids encoding
              the same.
ACCESSION  BD172330
VERSION     BD172330.1 GI:28413630
KEYWORDS    JP 2002223786-A/103.
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Wood,W.I., Gurney,A.L., Goddard,A., Pennica,D., Zheng,J. and
              Yuan,J.

```



TITLE  
Secreted and transmembrane polypeptides and nucleic acids encoding the same  
JOURNAL  
Patent: JP 2002223786-A 103 13-AUG-2002;  
COMMENT  
GENENTECH INC  
OS Artificial Sequence  
PN JP 2002223786-A/103  
PD 13-AUG-2002  
PR 18-DEC-2001 JP 2001385135  
PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR  
17-SEP-1997 US 60/059122, 17-SEP-1997 US 60/059117 PR  
17-SEP-1997 US 60/059113, 17-SEP-1997 US 60/059121 PR  
17-SEP-1997 US 60/059119, 18-SEP-1997 US 60/059263 PR  
18-SEP-1997 US 60/059266, 15-OCT-1997 US 60/062122 PR  
17-OCT-1997 US 60/062287, 17-OCT-1997 US 60/062285 PR  
21-OCT-1997 US 60/063486, 24-OCT-1997 US 60/062816 PR  
24-OCT-1997 US 60/062814, 24-OCT-1997 US 60/063127 PR  
24-OCT-1997 US 60/063120, 24-OCT-1997 US 60/063121 PR  
24-OCT-1997 US 60/063045, 24-OCT-1997 US 60/063128 PR  
27-OCT-1997 US 60/063329, 27-OCT-1997 US 60/063327 PR  
28-OCT-1997 US 60/063549, 28-OCT-1997 US 60/063342 PR  
28-OCT-1997 US 60/063550, 28-OCT-1997 US 60/063542 PR  
28-OCT-1997 US 60/063544, 28-OCT-1997 US 60/063564 PR  
29-OCT-1997 US 60/063734, 29-OCT-1997 US 60/063738 PR  
29-OCT-1997 US 60/064215, 29-OCT-1997 US 60/063735 PR  
29-OCT-1997 US 60/063704, 29-OCT-1997 US 60/063735 PR  
29-OCT-1997 US 60/063732, 31-OCT-1997 US 60/064103 PR  
31-OCT-1997 US 60/063870, 03-NOV-1997 US 60/064248 PR  
07-NOV-1997 US 60/064809, 12-NOV-1997 US 60/065186 PR  
17-NOV-1997 US 60/065846, 18-NOV-1997 US 60/065186 PR  
21-NOV-1997 US 60/066120, 21-NOV-1997 US 60/066163 PR  
24-NOV-1997 US 60/066772, 24-NOV-1997 US 60/066466 PR  
24-NOV-1997 US 60/066770, 24-NOV-1997 US 60/066511 PR  
24-NOV-1997 US 60/066453, 25-NOV-1997 US 60/066840 PR  
WILLIAM I WOOD, AUSTIN L GURNEY, AUDREY GODDARD, DIANE PENNICA, PI  
JIAN ZHENG,  
PI JEAN YUAN  
PC C12N15/09, C07K14/47, C07K16/18, C07K19/00, C12N1/19, C12N1/21, PC  
C12N5/10,  
PC C12P21/02, C12P21/08, (C12P21/02, C12R1:19), (C12P21/02, C12R1:91), PC  
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LOCUS  
DEFINITION Secreted and transmembrane polypeptides and nucleic acids encoding the same.  
ACCESSION BD172649.1 GI:28413951  
VERSION BD172649.1  
KEYWORDS JP 2002238586-A/103.  
SOURCE synthetic construct  
ORGANISM artificial sequence.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Wood, W.I., Gurney, A.L., Goddard, A., Pennica, D., Zheng, J. and

TITLE  
Secreted and transmembrane polypeptides and nucleic acids encoding the same  
JOURNAL  
Patent: JP 2002238586-A 103 27-AUG-2002;  
COMMENT  
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PN JP 2002238586-A/103  
PD 27-AUG-2002  
PR 18-DEC-2001 JP 2001385205  
PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR  
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18-SEP-1997 US 60/059266, 15-OCT-1997 US 60/062122 PR  
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24-NOV-1997 US 60/066453, 25-NOV-1997 US 60/066840 PR  
WILLIAM I WOOD, AUSTIN L GURNEY, AUDREY GODDARD, DIANE PENNICA, PI  
JIAN ZHENG,  
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Db 1 TTGCCTTACTCAGGTGCTA 19  
RESULT 1456  
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LOCUS  
DEFINITION Secreted and transmembrane polypeptides and nucleic acids encoding the same.  
ACCESSION BD172968  
VERSION BD172968.1 GI:28414274  
KEYWORDS JP 2002238587-A/103.  
SOURCE synthetic construct  
ORGANISM synthetic construct

REFERENCE	artificial sequences. 1 (bases 1 to 20)									
AUTHORS	Wood, W.I., Gurney, A.L., Goddard, A., Pennica, D., Zheng, J. and Yuan, J.									
TITLE	Secreted and transmembrane polypeptides and nucleic acid encoding the same									
JOURNAL	Patent: JP 2002238587-A 103 27-AUG-2002;									
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	PR 31-OCT-1997 US 60/063723, 31-OCT-1997 US 60/064705 PR									
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	PR WILLIAM I WOOD, AUSTIN L GURNEY, AUDREY GODDARD, DIANE PENNICA, PI									
	PR JIAN ZHENG, YUAN									
PR PC C21N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC										
PR C12N15/02.										
PR PC C12P21/02, C12P21/08, (C12P21/02, C12R1:91), (C12P21/02, C12R1:19), PC										
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ACCESSION	BD173287									
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SOURCE	synthetic construct									

REFERENCE	ORGANISM	synthetic construct	artificial sequence
WOOD W.T., GURNEY, A.L., GODDARD, A., PENNICA, D., ZHENG, J. and YUAN, J.			
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AUTHORS Oraki,T., Masuda,Y., Takatsu,Y., Watanabe,T., Terao,Y., Shintani,Y.  
TITLE Novel physiological active peptide and its use  
JOURNAL Patent: WO 02062944-A 30 15-AUG-2002;  
TAKEDA CHEMICAL INDUSTRIES LTD, TETSUYA OTAKI, YASUSHI MASUDA,  
YOSHIIRO TAKATSU, TAKUYA WATANABE, YASUKO TERAO, YASUSHI SHINTANI,  
SHUJI HINUMA  
COMMENT OS Artificial Sequence  
PN WO 02062944-A/30  
PD 15-AUG-2002  
PF 01-FEB-2002 WO 2002JP000852  
PR 02-FEB-2001 JP 01P 026820  
PI TETSUYA OTAKI, YASUSHI MASUDA, YOSHIIRO TAKATSU, TAKUYA  
WATANABE,  
PI YASUKO TERAO, YASUSHI SHINTANI, SHUJI HINUMA  
PC C07K14/47, C07K14/705, C12N15/12, C12P21/02, C07K16/18, A61K67/027,  
PC C12N5/10,  
PC G01N33/15, G01N33/50, A61P1/00  
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Db 2 TTCAGCTCTGCTTCAGCA 20  
RESULT 1459  
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LOCUS AB067982 20 bp DNA linear SYN 21-MAY-2003  
DEFINITION Synthetic construct DNA, forward primer for human STS sts-R13368  
at 1p36.  
ACCESSION AB067982  
VERSION AB067982.1 GI:15128786  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,  
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,  
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.  
and Soeda,E.  
TITLE A BAC-based STS-content map spanning a 35-Mb region of human  
JOURNAL chromosome 1p35-p36  
MEDLINE 21269192  
PUBMED 11374902  
REFERENCE 2 (bases 1 to 20)  
AUTHORS Horii,A.  
TITLE Direct Submission  
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of  
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,  
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,  
Tel:81-22-717-8042, Fax:81-22-717-8047)  
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QY 2620 TCTTGGCAGATTGGAGCC 2638  
Db 2 TCTTGGCAGATTGGAGC 20  
RESULT 1460  
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LOCUS AB069027 20 bp DNA linear SYN 21-MAY-2003  
DEFINITION Synthetic construct DNA, reverse primer for human STS sts-cos57-c7  
at 1p36.  
ACCESSION AB069027  
VERSION AB069027.1 GI:15129831  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
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AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,  
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,  
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.  
and Soeda,E.  
TITLE A BAC-based STS-content map spanning a 35-Mb region of human  
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AUTHORS Horii,A.  
TITLE Direct Submission  
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of  
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,  
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,  
Tel:81-22-717-8042, Fax:81-22-717-8047)  
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Db 20 CAGGTTCTGCTGAGCCTA 2  
RESULT 1461  
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LOCUS AB069625 20 bp DNA linear SYN 21-MAY-2003  
DEFINITION Synthetic construct DNA, reverse primer for human STS sts-H03710 at  
1p36.  
ACCESSION AB069625  
VERSION AB069625.1 GI:15130429  
KEYWORDS  
SOURCE  
ORGANISM  
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AUTHORS      Chen, Y.Z., Hayashi, Y., Wu, J.G., Takaoka, E., Maekawa, K.,
              Matanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
              Morishashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A.
              and Soeda, E.
TITLE        A BAC-based STS-content map spanning a 35-Mb region of human
              chromosome 1p35-p36
JOURNAL      Genomics 74 (1), 55-70 (2001)
MEDLINE      21269192
PUBMED       11374902
REFERENCE    2 (bases 1 to 20)
AUTHORS      Horii, A.
TITLE        Direct Submission
              Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
              Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
              Miyagi 980-8575, Japan (E-mail: horii@med1.cc.tohoku.ac.jp,
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DEFINITION Artificial oligonucleotide primer sequence (DTRcn_20_f) for canine
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ACCESSION   AJ287234
VERSION     AJ287234.1 GI:9994463
KEYWORDS    oligonucleotide; primer.
SOURCE      synthetic construct
            ORGANISM
              artificial sequences.
REFERENCE    1
AUTHORS      Tiet, J., Kessler, J.L., Bentolila, S., Faure, S., Bach, J.M.,
              Weissenbach, J. and Panthier, J.J.
TITLE        Assignment of polymorphic markers on a canine purebred pedigree
              Unpublished
JOURNAL     2 (bases 1 to 20)
AUTHORS      Weissenbach, J.
TITLE        Direct Submission
              Submitted (04-FEB-2000) Weissenbach J., Genoscope, Centre National
              de Sequencage, 2 rue Gasdon Cremlieux, 91006 Evry cedex, FRANCE
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QY           2802 GAAGGAGAAATGAAGAG 2820
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DB           19 GAAGGAGCAGAGAGAAG 1
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ACCESSION   AX096888
VERSION     AX096888.1 GI:13513156
KEYWORDS
SOURCE      Homo sapiens (human)
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REFERENCE    1
AUTHORS      Lander, E.S., Gargill, M., Ireland, J.S., Bolck, S., Daley, G.Q. and
              McCarty, J.J.
TITLE        Single nucleotide polymorphisms in genes
              Patent: WO 0118250-A 2066 15-MAR-2001;
              WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
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DEFINITION Sequence 44 from patent US 6599727.
ACCESSION   AR361464
VERSION     AR361464.1 GI:33769302
KEYWORDS
SOURCE      Unknown.
            ORGANISM
              Unclassified.
REFERENCE    1 (bases 1 to 21)
AUTHORS      Christenson, E., Demaggio, A.J., Goldman, P.S. and McElligott, D.L.
TITLE        Human poly (ADP-ribose) polymerase 2 materials and methods
              Patent: US 6599727-A 44 29-JUL-2003;
JOURNAL     Location/Qualifiers
FEATURES     source          1..21
                           /organism="unknown"
                           /mol_type="genomic DNA"
Query Match  0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY           461 GTGTGGTCTCTGGGGGTGC 479
              |||||
              21 GTCTGTGTCACAGGGGGTGC 3

RESULT 1465
LOCUS       AX058360                        21 bp    DNA    linear    PAT 17-JAN-2001
DEFINITION Sequence 44 from Patent WO0077179.
ACCESSION   AX058360
VERSION     AX058360.1 GI:12310820
KEYWORDS
SOURCE      synthetic construct.
            ORGANISM
              synthetic construct

```

REFERENCE 1  
AUTHORS Christenson, E., Demaggio, A.J., Goldman, P.S. and Mcelligott, D.L.  
TITLE Human poly(aden-ribrose) polymerase 2 materials and methods  
JOURNAL Patent: WO 0077179-A 44 21-DEC-2000;  
ICOS CORPORATION (US)  
FEATURES Location/Qualifiers  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 461 GTGTGGCTCTGGGGTGC 479  
Db 21 GTCTGTGCTCAGGGGTGC 3

RESULT 1466  
LOCUS AR014609 21 bp DNA linear PAT 05-DEC-1998  
DEFINITION Sequence 42 from patent US 5773691.  
ACCESSION AR014609  
VERSION AR014609.1 GI:3972063  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Falco, S. Carl., Keeley, S. Jo. and Rice, J. Ann.  
TITLE Chimeric genes and methods for increasing the lysine and threonine content of the seeds of plants  
JOURNAL Patent: US 5773691-A 42 30-JUN-1998;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2802 GAAGAGAGAAATGAAGAG 2820  
Db 21 GGAGGAGAGCTGAAGAG 3

RESULT 1467  
LOCUS AR036159 21 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 17 from patent US 5871992.  
ACCESSION AR036159  
VERSION AR036159.1 GI:5952827  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Teebor, G.W. and Hilbert, T.P.  
TITLE Mammalian endonuclease III, and diagnostic and therapeutic uses thereof  
JOURNAL Patent: US 5871992-A 17 16-FEB-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2375 AGAGAGGAGGAGCAGAG 2393  
Db 19 AGAGAGGCTCAGCAGAG 1

RESULT 1468  
LOCUS AR084550 21 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 39 from patent US 5981185.  
ACCESSION AR084550  
VERSION AR084550.1 GI:10011321  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C. Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 39 09-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2802 GAAGAGAGAAATGAAGAG 2820  
Db 2 GAAGAGAGAGAGAGAGAG 20

RESULT 1469  
LOCUS AR084555 21 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 44 from patent US 5981185.  
ACCESSION AR084555  
VERSION AR084555.1 GI:10011326  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C. Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 44 09-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1715 CATGATCACCATCTTCATC 1733  
Db 3 CATCATCATCATCATCATC 21

RESULT 1470  
LOCUS AR084556 21 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 45 from patent US 5981185.  
ACCESSION AR084556  
VERSION AR084556.1 GI:10011327  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C. Thomas.  
TITLE Oligonucleotide repeat arrays  
JOURNAL Patent: US 5981185-A 44 09-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

REFERENCE	1 (bases 1 to 21)
AUTHORS	Watson, R. S., Coassin, P. J., Rampal, J. B. and Caskey, C. Thomas
TITLE	Oligonucleotide repeat arrays
JOURNAL	Patent: US 5981185-A 45 09-NOV-1999;
FEATURES	location/Qualifiers
SOURCE	1..21

Query Match	0.3%	Score 14.2	DB 1	length 21
Best Local Similarity	84.2%	Pred No. 1.1e+03		
Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0

LOCUS	AR084560	21 bp	DNA	linear	PAT 01-SEP-2000
DEFINITION	Sequence 49 from patent US 5981185.				
ACCESSION	AR084560				
VERSION	AR084560.1	GI:10011331			
KEYWORDS					
SOURCE	Unknown.				
ORGANISM	Unknown.				
REFERENCE	Unclassified.				
AUTHORS	1 (bases 1 to 21)				
TITLE	Watson,R.S., Coasasin,P.J., Rampal,J.B. and Caskey,C.Thomas.				
JOURNAL	Oligonucleotide repeat arrays				
FEATURES	Patent: US 5981185-A 49 09-NOV-1999;				
Source	location/Qualifiers				
	1..21				

	Query Match	Similarity	Score	DB 1	Length
	Best Local	84.2%	Pred. No. 1,1e+03		21
Matches	16	Conservative	0	Mismatches	3
				Indels	0
				Gaps	0
Qy	1715	CATGATCACCACCTTCATC	1733		
Db	1	CATCATTCATCATTCATC	19		

RESULT	1472			
LOCUS	AR084576/c			
DEFINITION	AR084576	21 bp	DNA	linear
ACCESSION	AR084576	Sequence 65 from patent US 5981185.		
VERSION	AR084576.1	GI:10011347		
KEYWORDS				
SOURCE	Unknown.			
ORGANISM	Unknown.			
REFERENCE	Unclassified.			
AUTHORS	1 (bases 1 to 21)			
TITLE	Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.			
JOURNAL	Oligonucleotide repeat arrays			
FEATURES	Patent: US 5981185-A 65 09-NOV-1999;			
Source	Location/Qualifiers			
	1..21			
	/organism="unknown"			
	/mol_type="unassigned DNA"			

	Query Match	Similarity	Score	DB 1	Length
Best Local	84.2%	Pred. No. 1, 1e+03			
Matches	16	Conservative	0	Mismatches	3
				Indels	0
				Gaps	0
Qy	1715	CATGATCAGCATCTTCATC	1733		
Db	19	CATCATCATCATCATCATC	1		

RESULT	1473				
AR084593					
LOCUS	AR084593	21 bp	DNA	linear	PAT 01-SEP-2000
DEFINITION	Sequence	82 from patent US 5981185.			
ACCESSION	AR084593				
VERSION	AR084593.1	GI:10011364			

	Query Match	0.3%	Score 14.2	DB 1	Length 21
	Best Local Similarity	84.2%	Pred. No. 1	1e+03	
	Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0
OY	1715 CATGATCACCATTCTTCATC	1733			
Db	2 CATCATCATCATCATCATC	20			

FEATURES	LOCATION/QUALIFIERS	1.	21	bp	DNA	linear	PAT 01-SEP-2000
REFERENCE	1 (bases 1 to 21)						
AUTHORS	Matsuo, R. S., Coassin, P. J., Rampal, J. B. and Caskey, C. Thomas.						
TITLE	Oligonucleotide repeat arrays						
JOURNAL	Patent: US 5981185-A 85 09-NOV-1999,						
KEYWORDS	Unknown.						
SOURCE	Unknown.						
ORGANISM	Unclassified.						
LOCUS	AR084596						
DEFINITION	Sequence 85 from patent US 5981185.						
ACCESSION	AR084596						
VERSION	AR084596.1						
KEYWORDS	GI:10011367						

	Query Match	Score	DB	Length
Best Local Similarity	84.28	1	DB1	21
Matches	16	Conservative	0	Mismatches 3, Indels 0, Gaps 0;
Qy	2802	GAAGGAGAAATGAGGAG	2820	
Db	20	GAAGGAGAGAGAGAGG	2	

RESULT	1475
AR084597/c	
LOCUS	AR084597 21 bp DNA linear PAT 01-SEP-2000
DEFINITION	Sequence 86 from patent US 5981185.
ACCESSION	AR084597
VERSION	AR084597.1 GI:10011368
KEYWORDS	.
SOURCE	Unknown.
ORGANISM	Unknown.
REFERENCE	Unclassified.
AUTHORS	1 (bases 1 to 21)
TITLE	Matsuo,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
JOURNAL	Oligonucleotide repeat arrays
FEATURES	Patent: US 5981185-A 86 09-NOV-1999;
source	Location/Qualifiers
	1..21

/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCAGCATCTTCATC 1733  
DB 20 CATCATCTCATCATCATC 2

RESULT 1476  
AR090008  
DEFINITION Sequence 128 from patent US 5994076.  
ACCESSION AR090008  
VERSION AR090008.1 GI:10016763  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Chenchik, A., Jokhadze, G. and Bibilashvili, R.  
TITLE Methods of assaying differential expression  
JOURNAL Patent: US 5994076-A 128 30-NOV-1999;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4269 GAGCGTGGAGAGAAACGC 4287  
DB 3 GGGCGTGGAGAGACATCCC 21

RESULT 1477  
ARI30850  
LOCUS ARI30850 21 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 2 from patent US 6190875.  
ACCESSION ARI30850  
VERSION ARI30850.1 GI:14119175  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Ben-Artzi, H., Ayal-Herskovitz, M., Vladavsky, I., Pecker, I., Peleg, Y. and Miron, D.  
TITLE Method of screening for potential anti-metastatic and anti-inflammatory agents using mammalian heparanase as a probe  
JOURNAL Patent: US 6190875-A 2 20-FEB-2001;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 GCCACAGAAACGACGCTGC 3003  
DB 3 GCCACATTAAGCCAGCTGC 21

RESULT 1478  
ARI56417/c  
LOCUS ARI56417 21 bp DNA linear PAT 08-AUG-2001

DEFINITION Sequence 73 from patent US 6242212.  
ACCESSION ARI56417  
VERSION ARI56417.1 GI:15125121  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Croce, C.M. and Huebner, F. Kay.  
TITLE Fragile histidine triad (FHT) nucleic acids and methods of producing FHT proteins  
JOURNAL Patent: US 6242212-A 73 05-JUN-2001;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4699 GTCCAGCTTCAGTGACACA 4717  
DB 20 GTCTACTTTCAGTGACACA 2

RESULT 1479  
ARI56419/c  
LOCUS ARI56419 21 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 75 from patent US 6242212.  
ACCESSION ARI56419  
VERSION ARI56419.1 GI:15125123  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Croce, C.M. and Huebner, F. Kay.  
TITLE Fragile histidine triad (FHT) nucleic acids and methods of producing FHT proteins  
JOURNAL Patent: US 6242212-A 75 05-JUN-2001;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4699 GTCCAGCTTCAGTGACACA 4717  
DB 20 GTCTACTTTCAGTGACACA 2

RESULT 1480  
BD178401/c  
LOCUS BD178401 21 bp DNA linear PAT 16-APR-2003  
DEFINITION Novel clock gene promoter.  
ACCESSION BD178401  
VERSION BD178401.1 GI:30015666  
KEYWORDS NO 02081682-A/24.  
SOURCE Mus sp.  
ORGANISM Mus sp.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Takasugi, T., Chen, W. and Hashimoto, S.  
TITLE Novel clock gene promoter  
JOURNAL Patent: WO 02081682-A 24 17-OCT-2002;  
YAMANOUCHI PHARMACEUTICAL CO LTD, TOMOHIRO TAKASUGI, WENBIN CHEN, SEIICHI HASHIMOTO  
OS Mus sp. (mouse)

PN WO 02091682-A/24  
PD 17-OCT-2002  
PR 02-APR-2002 WO 2002JP003290  
PR 05-APR-2001 JP 01P 107467, 18-JUN-2001 JP 01P 183087 PR  
17-DEC-2001 JP 01P 383743  
PI TOMOHITO TAKASUGI, WENBIN CHEN, SEICHI HASHIMOTO PC  
C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12Q1/02, A01K67/ PC  
027,  
PC GO1N33/50, GO1N33/15  
CC Novel clock gene promoter  
FH Key location/Qualifiers  
FT source 1..21  
/organism='Mus sp. (mouse)'.  
location/Qualifiers  
1..21  
/organism='Mus sp.'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:10095'

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2856 ACTCTTCCAAAGCTGAGC 2874  
|||||  
20 AGTCTGCCAAAGCTGAGC 2

RESULT 1481  
BD244994 21 bp DNA linear PAT 17-JUL-2003  
LOCUS Mammalian subtilisin/kexin isoenzyme SKI-1: Protein convertase  
DEFINITION having peculiar cleaving characteristic.  
BD244994  
BD244994.1 GI:33054764  
UP 2002532065-A/8.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
1 (bases 1 to 21)  
Davidson, N., Chretien, M., Marcinkiewicz, M., Laaksonen, R. and  
Mammalian subtilisin/kexin isoenzyme SKI-1: Protein convertase  
having peculiar cleaving characteristic  
Patent: JP 2002532065-A 8 02-OCT-2002;  
INSTITUT DE RECHERCHES CLINIQUES DE MONTREAL  
OS Artificial Sequence  
PN UP 2002532065-A/8  
PD 02-OCT-2002  
PR 04-NOV-1999 JP 2000579720  
PR 04-NOV-1998 CA 2249648  
PI NABILI SEIDAH, MICHEL CHRETIEN, MIECZYSLAW MARCINKIEWICZ, REIJO  
PI LAAKSONEN  
PI JEAN DAVIDSON  
PC C12N15/09, A61K38/00, A61K45/00, A61P1/16, A61P3/06, A61P9/10, PC  
A61P25/28,  
PC A61P35/00, A61P43/00, C07K7/06, C07K7/08, C12N1/15, C12N1/19, C12N1/  
PC 21, C12N5/10,  
PC C12N9/50, C12P21/02, C12Q1/02, C12Q1/37, C12Q1/68, GO1N33/15, GO1N33/ PC  
50,  
PC GO1N33/50, GO1N33/566, GO1N33/573 /// (C12N9/50, C12R1.91), C12N15/00, PC  
C12N5/00,  
PC A61K37/02  
CC Description of Artificial Sequence: Oligonucleotide FH Key  
Location/Qualifiers  
FT source 1..21  
/organism='Artificial Sequence'.  
location/Qualifiers  
1..21  
/organism='synthetic construct'  
/mol\_type='genomic DNA'

/db\_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2485 AGAAGCGACGAGATGAA 2503  
|||||  
2 AGGAGAGACGAGATGAA 20

RESULT 1482  
BD245034 21 bp DNA linear PAT 17-JUL-2003  
LOCUS Feline CD80, feline CD86, feline CD28 and feline CTLA-4 nucleic  
DEFINITION acids and polypeptides.  
BD245034  
BD245034.1 GI:33054804  
UP 2002513571-A/22.  
SOURCE Felle sp.  
ORGANISM Felle sp.  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Carnivora; Fissipedia; Felidae; Felis.  
1 (bases 1 to 21)  
Collison, E.W., Haah, S.M. and Choi, I.  
Feline CD80, feline CD86, feline CD28 and feline CTLA-4 nucleic  
acids and polypeptides  
Patent: JP 2002513571-A 22 14-MAY-2002;  
THE TEXAS A AND M UNIVERSITY SYSTEM  
OS Felle sp. (cat)  
PN UP 2002513571-A/22  
PD 14-MAY-2002  
PR 30-APR-1999 JP 2000547226  
PR 01-MAY-1998 US 09/071699  
PI EILEEN W COLLISON, STEPHEN M HASH, INSOU CHOI  
PC C12N15/09, A61K38/00, A61K39/002, A61K39/02, A61K39/118, A61K39/12,  
PC A61K39/21,  
PC A61K39/39, A61P31/04, A61P31/14, A61P33/00, A61P43/00, C07K14/705,  
PC C12N1/19,  
PC C12N1/21, C12N5/10, C12P21/02, C12Q1/68, C12N15/00, A61K37/02, C12N5/ PC  
00  
CC feline CD86 primer  
FH Key location/Qualifiers  
FT source 1..21  
/organism='Felle sp. (cat)'.  
location/Qualifiers  
1..21  
/organism='Felle sp.'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:9687'

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2572 AGCTATGCGACGATACCAG 2590  
|||||  
2 AGTATTTGCGACGATACCAG 20

RESULT 1483  
BD266110 21 bp DNA linear PAT 17-JUL-2003  
LOCUS Universal arrays.  
DEFINITION BD266110  
ACCESSION BD266110.1 GI:33075878  
VERSION BD266110.1  
KEYWORDS UP 2002539849-A/110.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
1 (bases 1 to 21)



AUTHORS Fan,J.B., Hirschhorn,J.N., Huang,X., Kaplan,P., Lander,E.S., Lockhart,D.J., Ryder,T. and Sklar,P.  
TITLE Universal arrays  
JOURNAL Patent: JP 2002539849-A 110 26-NOV-2002;  
COMMENT WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, AFFYMETRIX INC  
OS Homo sapiens (human)  
PN JP 2002539849-A/110  
PD 26-NOV-2002  
PR 27-MAR-2000 JP 2000608794  
PI 26-MAR-1999 US 60/126473,23-JUN-1999 US 60/140359 PI  
JIAN BING FAN,JOEL N HIRSCHHORN,XIAOHUA HUANG,PAUL KAPLAN,ERIC PI S LANDER,  
PI DAVID J LOCKHART,THOMAS RYDER,PAMELA SKLAR  
PC C12Q1/68,C12M1/00,C12N15/09,C12N15/09,C12N15/09,G01N33/53, PC  
G01N33/56,  
CC G01N37/00,C12N15/00,C12N15/00,C12N15/00  
CQ Universal arrays  
FH Key  
FT source  
Location/Qualifiers  
1. .21  
/organism="Homo sapiens"  
/mol\_type="Genomic DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;  
Qy 2912 CATCTCATCGCATCAGTC 2932  
Db 1 CATCTCTGCGCATCAGTC 21  
RESULT 1484.  
LOCUS BD273488 21 bp DNA linear PAT 17-JUL-2003  
DEFINITION Recombinant virus expressing foreign DNA encoding feline CD80,  
feline CD86, feline CTLA-4 or feline interferon-gamma and uses  
thereof.  
ACCESSION BD273488 GI:33083256  
VERSION BD273488.1  
KEYWORDS JP 2002513581-A/22.  
SOURCE Fells sp.  
ORGANISM Fells sp.  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Carnivora; Fissipedia; Felidae; Fells.  
REFERENCE 1 (bases 1 to 21)  
Winslow,B.J. and Cochran,M.D.  
Recombinant virus expressing foreign DNA encoding feline CD80,  
feline CD86, feline CTLA-4 or feline interferon-gamma and uses  
Patent: JP 2002513581-A 22 14-MAY-2002;  
JOURNAL SCHERING-PLOUGH LTD  
OS Fells sp. (cat)  
PN JP 2002513581-A/22  
PD 14-MAY-2002  
PR 30-APR-1999 JP 2000547248  
PI 01-MAY-1998 US 09/071711  
PI BARBARA J WINSLOW, MARK D COCHRAN  
PC C12N15/09 A61K39/12,A61K39/125,A61K39/15,A61K39/215,A61K39/23,  
PC A61K39/245,  
PC A61K48/00,A61P43/00,C12N7/00//C07K14/705,C12N15/00 CC feline  
CD86 primer  
FH key  
FT source  
Location/Qualifiers  
1. .21  
/organism="Fells sp. (cat)".  
Location/Qualifiers  
1. .21  
/organism="Fells sp. (cat)".  
FEATURES  
source  
1. .21  
/organism="Fells sp."  
/mol\_type="Genomic DNA"  
/db\_xref="taxon:9687"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 2572 AGTCTATGCAGTACCAG 2590  
Db 2 AGTATTTGGCAGGACCAG 20  
RESULT 1485  
LOCUS CQ753266 21 bp DNA linear PAT 01-MAR-2004  
DEFINITION Sequence 5 from Patent WO2004001045.  
ACCESSION CQ753266  
VERSION CQ753266.1 GI:44844727  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Bendik,I. and Heim,M.  
TITLE Inhibition of nuclear receptors  
JOURNAL Patent: WO 2004001045-A 5 31-DEC-2003;  
Roche Vitamins AG (CH)  
FEATURES  
source  
Location/Qualifiers  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 3094 AGAGCTCTATGACTTGT 3112  
Db 2 AGATCTCATGCTTTGT 20  
RESULT 1486  
LOCUS CQ768890/c 21 bp DNA linear PAT 04-MAR-2004  
DEFINITION Sequence 30 from Patent WO2004006898.  
ACCESSION CQ768890  
VERSION CQ768890.1 GI:45112226  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Christensen,C., Lukandin,E., Olsen,O. and Albrechtsen,M.  
TITLE Use of compounds capable of inhibiting the proteolytic processingof  
semaphorins for prevention, treatment, diagnosis and prognosis of  
an invasive disease  
Patent: WO 2004006898-A 30 22-JAN-2004;  
JOURNAL Sema APS (DK)  
FEATURES  
source  
Location/Qualifiers  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Sema 3E antisense primer (Not I site)"  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 3916 CCCCGACGCCGCCGCC 3934  
Db 20 CCCCGAGGAGCGGCCGCC 2

RESULT 1487  
CQ798316/c 21 bp DNA linear PAT 20-APR-2004  
DEFINITION Sequence 33 from Patent WO2004029229.  
ACCESSION CQ798316  
VERSION CQ798316.1 GI:46426717  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Arenas, E., Wagner, J., Branco, G.C. and Sousa, K.  
TITLE Method and materials relating to neurogenesis  
JOURNAL Patent: WO 2004029229-A 33 08-APR-2004;  
Neuro Therapeutics AB (SE)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 130 ATTCCACCGAGGGGACTT 148  
Db 20 ATTCCACCGAGGGGACT 2  
RESULT 1488  
CQ812581/c 21 bp DNA linear PAT 24-MAY-2004  
LOCUS CQ812581  
DEFINITION Sequence 5 from Patent WO2004038416.  
ACCESSION CQ812581  
VERSION CQ812581.1 GI:47602056  
KEYWORDS  
SOURCE  
ORGANISM  
Homo sapiens (human)  
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
1  
AUTHORS Golz, S., Brueggemeier, U. and Summer, H.  
TITLE Diagnostics and therapeutics for diseases associated with human  
JOURNAL g-protein coupled receptor 6 (GPCR)  
Patent: WO 2004038416-A 5 06-MAY-2004;  
Bayer Healthcare AG (DE)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 495 AGGAGGCCACGCCCA 513  
Db 20 AGGAGGTGACGCCCA 2  
RESULT 1489  
CQ819507 21 bp DNA linear PAT 14-JUN-2004  
LOCUS CQ819507  
DEFINITION Sequence 42 from Patent WO2004046375.  
ACCESSION CQ819507  
VERSION CQ819507.1 GI:48715039  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct

REFERENCE  
1  
AUTHORS Dazzi, C., Eck, V., Cantelli, L., Harri, A., Brodmann, P. and  
Seifarth, R.  
TITLE Method for the detection of microorganisms in pharmaceutical  
JOURNAL products  
Patent: WO 2004046375-A 42 03-JUN-2004;  
Pharmacia Italia S.p.A. (IT)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="forward primer"  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1441 CTCGAAATGACGCTCA 1459  
Db 3 CTCGAAATGACGCTCA 21  
RESULT 1490  
CQ821188 21 bp DNA linear PAT 14-JUN-2004  
LOCUS CQ821188  
DEFINITION Sequence 18 from Patent WO2004046377.  
ACCESSION CQ821188  
VERSION CQ821188.1 GI:48715872  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Casari, G., de Fusco, M. and Marconi, R.  
TITLE Diagnostic and therapeutic means for pathologies associated with  
JOURNAL alpha 2 subunit of the na, k pump  
Patent: WO 2004046377-A 18 03-JUN-2004;  
FONDAZIONE CENTRO SAN ROMANELLO DEL MONTE TABOR (IT)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 270 CTCTCTCTCTCTCTCTC 288  
Db 2 CCTCTCTCTCTCTCTCTC 20  
RESULT 1491  
CQ821570 21 bp DNA linear PAT 21-JUN-2004  
LOCUS CQ821570  
DEFINITION Sequence 78 from Patent WO2004047863.  
ACCESSION CQ821570  
VERSION CQ821570.1 GI:49019355  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Sahin, U., Tuereli, O. and Koslowski, M.  
TITLE Genetic products differentially expressed in tumors and the use  
JOURNAL thereof  
Patent: WO 2004047863-A 78 10-JUN-2004;  
Ganymed Pharmaceuticals AG (DE)  
FEATURES  
source Location/Qualifiers  
1..21



ACCESSION 171502  
VERSION 171502.1 GI:3007637  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Buchwald,M., Strathdee,C.A., Wevrick,R. and Mathew,C.George.Porter.  
TITLE Fanconi Anemia Type C gene  
JOURNAL Patent: US 5681942-A 43 28-OCT-1997;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3460 TCCCTCCGAGACAGCA 3478  
Db 2 TCCGTCCTGACAAAGCA 20

RESULT 1497  
ARI80952/c  
LOCUS ARI80952 21 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 25 from patent US 6333165.  
ACCESSION ARI80952  
VERSION ARI80952.1 GI:20222985  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hogrefe,H.  
TITLE Methods for identifying polymerase enhancing factor (PEF)  
JOURNAL Patent: US 6333165-A 25 25-DEC-2001;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1650 AGAGAGGCTTGTGCCAGC 1668  
Db 19 AGTGAGCTCTTCTCCAGC 1

RESULT 1498  
ARI97043  
LOCUS ARI97043 21 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 128 from patent US 6352829.  
ACCESSION ARI97043  
VERSION ARI97043.1 GI:20246892  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Chenchik,A., Johhadre,G. and Bibilashvili,R.  
TITLE Methods of assaying differential expression  
JOURNAL Patent: US 6352829-A 128 05-MAR-2002;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4269 GAGCTGAGAGAAACGC 4287  
Db 3 GGGGCTGGAGAACATCGC 21

RESULT 1499  
AR207507/c  
LOCUS AR207507 21 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 25 from patent US 6379553.  
ACCESSION AR207507  
VERSION AR207507.1 GI:21507277  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hogrefe,H.  
TITLE Polymerase enhancing factor (PEF) extracts, PEF protein complexes, isolated PEF proteins, and methods for purifying and identifying same  
JOURNAL Patent: US 6379553-A 25 30-APR-2002;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1650 AGAGAGGCTTGTGCCAGC 1668  
Db 19 AGTGAGCTCTTCTCCAGC 1

RESULT 1500  
AR210305/c  
LOCUS AR210305 21 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 217 from patent US 6387652.  
ACCESSION AR210305  
VERSION AR210305.1 GI:21512501  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Haugland,R. and Vesper,S.  
TITLE Method of identifying and quantifying specific fungi and bacteria  
JOURNAL Patent: US 6387652-A 217 14-MAY-2002;  
FEATURES Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1610 GATCCTGCGGAGCAATAT 1628  
Db 21 GAACCTGCGGAGCAATCAT 3

RESULT 1501  
AR212665  
LOCUS AR212665 21 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 28 from patent US 6403089.  
ACCESSION AR212665  
VERSION AR212665.1 GI:23309452  
KEYWORDS  
SOURCE Unknown.

ORGANISM Unknown.  
Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Levy, G. and Clark, D.A.  
TITLE Methods of modulating immune coagulation  
JOURNAL Patent: US 6403089-A 28 11-JUN-2002;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4645 CTTAGAGCTGAGAGATC 4663  
DB 1 CTTGCGAGCTGAAATAGTC 19  
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RESULT 1502  
AR212794 AR212794 21 bp DNA linear PAT 25-SEP-2002  
LOCUS AR212794  
DEFINITION Sequence 41 from patent US 6403303.  
ACCESSION AR212794  
VERSION AR212794.1 GI:23309660  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Shipman, R., Leuenhner, J. and Dunn, J.M.  
TITLE Method and reagents for testing for mutations in the BRCA1 gene  
JOURNAL Patent: US 6403303-A 41 11-JUN-2002;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3219 GGCTCCAGCATCAGTGA 3237  
DB 3 GGCTCCAGTATTAAATGA 21  
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|||

RESULT 1503  
AR222134 AR222134 21 bp DNA linear PAT 26-SEP-2002  
LOCUS AR222134  
DEFINITION Sequence 62 from patent US 6429014.  
ACCESSION AR222134  
VERSION AR222134.1 GI:23329508  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Steele, C.L., Bohlmann, J. and Croteau, R.B.  
TITLE Monoterpene synthases from grand fir (*Abies grandis*)  
JOURNAL Patent: US 6429014-A 62 06-AUG-2002;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1885 AGGAGTGCTGAGATCCT 1903  
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DB 2 AGGAGCTGCTGAGATGCT 20  
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RESULT 1504  
AR225630/c AR225630 21 bp DNA linear PAT 20-DEC-2002  
LOCUS AR225630  
DEFINITION Sequence 25 from patent US 6444428.  
ACCESSION AR225630  
VERSION AR225630.1 GI:27263662  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hogrefe, H.  
TITLE Polymerase enhancing factor (PEF) extracts, PEF protein complexes, isolated PEF proteins, and methods for purifying and identifying same  
JOURNAL Patent: US 6444428-A 25 03-SEP-2002;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1650 AGAGAGGCTTGTCCAGC 1668  
DB 19 AGTGAGCTCTTCTCCAGC 1  
|||||  
|||

RESULT 1505  
AR235411/c AR235411 21 bp DNA linear PAT 20-DEC-2002  
LOCUS AR235411  
DEFINITION Sequence 42 from patent US 6459019.  
ACCESSION AR235411  
VERSION AR235411.1 GI:27278552  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Falco, S.C., Keeler, S.J. and Rice, J.A.  
TITLE Chimeric genes and methods for increasing the lysine and threonine content of the seeds of plants  
JOURNAL Patent: US 6459019-A 42 01-OCT-2002;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2802 GAAGGAGAAATGAAGAG 2820  
DB 21 GGAGGAGAGAGCTGAAGAG 3  
|||||  
|||

RESULT 1506  
AR259197 AR259197 21 bp DNA linear PAT 20-DEC-2002  
LOCUS AR259197  
DEFINITION Sequence 128 from patent US 6489455.  
ACCESSION AR259197  
VERSION AR259197.1 GI:27309708  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)

AUTHORS Chenchik,A., Johhadze,G. and Bibilashvili,I.  
TITLE Methods of assaying differential expression  
JOURNAL Patent: US 6489455-A 128 03-DEC-2002;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4269 GAGCGCTGAGAGAAACGC 4287  
Db 3 GCGCGCTGAGAGACATCGC 21

RESULT 1507

AR280295 AR280295 21 bp DNA linear PAT 10-APR-2003  
LOCUS AR280295  
DEFINITION Sequence 27 from patent US 6518063.  
ACCESSION AR280295  
VERSION AR280295.1 GI:29715724  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Ducey,P. and Karenty,G.  
TITLE Osef2/Cbfa1 nucleic acids and methods of use therefor  
JOURNAL Patent: US 6518063-A 27 11-FEB-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 960 CGAGCGACCGAGACCAACC 978  
Db 3 CGAGCGACCGAGACCAACC 21

RESULT 1508

AR292263 AR292263 21 bp DNA linear PAT 12-JUN-2003  
LOCUS AR292263  
DEFINITION Sequence 3998 from patent US 6537751.  
ACCESSION AR292263  
VERSION AR292263.1 GI:31679547  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL Patent: US 6537751-A 3998 25-MAR-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1715 CATGATCAGCATCTTCATC 1733  
Db 3 CCTATCATCATCTTCATC 21

RESULT 1509  
AR295229/c AR295229 21 bp DNA linear PAT 12-JUN-2003  
LOCUS AR295229  
DEFINITION Sequence 6964 from patent US 6537751.  
ACCESSION AR295229  
VERSION AR295229.1 GI:31682513  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL Patent: US 6537751-A 6964 25-MAR-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1593 GAAACAGAGAGAGAGA 1611  
Db 21 GAGACAGAGAGAGAGAAA 3

RESULT 1510  
AR295739/c AR295739 21 bp DNA linear PAT 12-JUN-2003  
LOCUS AR295739  
DEFINITION Sequence 7474 from patent US 6537751.  
ACCESSION AR295739  
VERSION AR295739.1 GI:31683023  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL Patent: US 6537751-A 7474 25-MAR-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2589 AGCGACATCATGACGATG 2607  
Db 19 AGCGACATCATGAAATG 1

RESULT 1511  
AR298326 AR298326 21 bp DNA linear PAT 12-JUN-2003  
LOCUS AR298326  
DEFINITION Sequence 10061 from patent US 6537751.  
ACCESSION AR298326  
VERSION AR298326.1 GI:31685610  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL Patent: US 6537751-A 10061 25-MAR-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

JOURNAL Patent: US 6537751-A 10061 25-MAR-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2808 GAAGATGAGAGAGAGCTG 2826  
Db 2 GAAGATGAGAGAGAGCTG 20

RESULT 1512  
AR300478/c AR300478 21 bp DNA linear PAT 12-JUN-2003  
LOCUS AR300478  
DEFINITION Sequence 41 from patent US 6537785.  
ACCESSION AR300478  
VERSION AR300478.1 GI:31687920  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Canfield,W.M.  
TITLE Methods of treating lysosomal storage diseases  
JOURNAL Patent: US 6537785-A 41 25-MAR-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

QY 1286 CAACATGTCGTCACGCTC 1304  
Db 20 CACCATGGGTTCAAGCTC 2

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1286 CAACATGTCGTCACGCTC 1304  
Db 20 CACCATGGGTTCAAGCTC 2

RESULT 1513  
AR307396 AR307396 21 bp DNA linear PAT 12-JUN-2003  
LOCUS AR307396  
DEFINITION Sequence 95 from patent US 6551775.  
ACCESSION AR307396  
VERSION AR307396.1 GI:31697923  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Lifton,R.P., Chang,S.S. and Rosier,B.C.  
TITLE Method to diagnose and treat pathological conditions resulting from  
JOURNAL Patent: US 6551775-A 95 22-APR-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 GCAACATCACCGCTCCAA 553  
Db 3 GCAACATCACCGCTCCAA 21

RESULT 1514

AR428755/c AR428755 21 bp DNA linear PAT 18-DEC-2003  
LOCUS AR428755  
DEFINITION Sequence 41 from patent US 6642038.  
ACCESSION AR428755  
VERSION AR428755.1 GI:40188489  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Canfield,W.M.  
TITLE Glc6P phosphotransferase of the lysosomal targeting pathway  
JOURNAL Patent: US 6642038-A 41 04-NOV-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1286 CAACATGTCGTCACGCTC 1304  
Db 20 CACCATGGGTTCAAGCTC 2

RESULT 1515  
AR442844/c AR442844 21 bp DNA linear PAT 20-FEB-2004  
LOCUS AR442844  
DEFINITION Sequence 41 from patent US 6670165.  
ACCESSION AR442844  
VERSION AR442844.1 GI:42670320  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Canfield,W.M.  
TITLE Methods for producing highly phosphorylated lysosomal hydrolases  
JOURNAL Patent: US 6670165-A 41 30-DEC-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1286 CAACATGTCGTCACGCTC 1304  
Db 20 CACCATGGGTTCAAGCTC 2

RESULT 1516  
AR449262/c AR449262 21 bp DNA linear PAT 20-FEB-2004  
LOCUS AR449262  
DEFINITION Sequence 158 from patent US 6673909.  
ACCESSION AR449262  
VERSION AR449262.1 GI:42678313  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Brown,R.H., Jr., Liu,J., Aoki,M., Ho,M.F. and Matsuda-Aasada,C.  
TITLE Oligonucleotides for dysferlin, a gene mutated in distal myopathy  
JOURNAL Patent: US 6673909-A 158 06-JAN-2004;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 420 CGGCAGGTTGCTGAGG 438  
DB 20 CGGCAGGATGCTGGGAGG 2

RESULT 1517  
AR449283  
LOCUS AR449283 21 bp DNA  
DEFINITION Sequence 179 from patent US 6673909.  
ACCESSION AR449283  
VERSION AR449283.1 GI:42678334  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Brown,R.H., Jr., Liu,J., Aoki,M., Ho,M.F. and Matsuda-Aasada,C.  
TITLE Oligonucleotides for dyferlin, a gene mutated in distal myopathy  
JOURNAL Patent: US 6673909-A 179 06-JAN-2004;  
FEATURES  
source 1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1232 GCTCTCCCGGGCTCCGT 1250  
DB 2 GCTCTCCCGAGCCCTCCT 20

RESULT 1518  
AR455942/c  
LOCUS AR455942 21 bp DNA  
DEFINITION Sequence 18 from patent US 6686163.  
ACCESSION AR455942  
VERSION AR455942.1 GI:42690836  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Allen,A.C.P., Angelly,T.S., Lawrence,T., Olson,S.J. and Rabin,M.B.  
TITLE Coding sequence haplotype of the human BRCA1 gene  
JOURNAL Patent: US 6686163-A 1803-FEB-2004;  
FEATURES  
source 1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4654 CTGAAGAGCTGGTAGCT 4672  
DB 21 CTGAAGAGAGTGGTAGAT 3

RESULT 1519  
AX024629  
LOCUS AX024629 21 bp DNA  
DEFINITION Sequence 21 from Patent WO0026348.  
ACCESSION AX024629

VERSION AX024629.1 GI:10184755  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Davignon,J., Chretien,M., Laaksonen,R., Seidah,N. and Marcinkiewicz,M.  
TITLE Mammalian subtilisin/kexin isozyme ski-1: a proprotein  
JOURNAL Patent: WO 0026348-A 21 11-MAY-2000;  
DAVIGNON JEAN (CA) ; CHRETIEN MICHEL (CA) ; LAAKSONEN REINO (CA) ; SEIDAH NABILI (CA) ; MARCINKIEWICZ MIECZYSLAW (CA) ; MONTREAL INST RECH CLINIQUES (CA)  
FEATURES  
source 1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2485 AGAAGCAGCAGGATGAA 2503  
DB 2 AGGAGAGACAGGATMAA 20

RESULT 1520  
AX081702/c  
LOCUS AX081702 21 bp DNA  
DEFINITION Sequence 51 from Patent WO0109347.  
ACCESSION AX081702  
VERSION AX081702.1 GI:13170526  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Hogrefe,H.H., Cline,J.M., Hansen,C.J. and Borna,M.C.  
TITLE Archaeal replication accessory factors and methods of use  
JOURNAL Patent: WO 0109347-A 51 08-FEB-2001;  
STRATAGENE (US)  
FEATURES  
source 1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1650 AGAAGAGCTTGCAGC 1668  
DB 19 AGTGAAGTCTTCCAGC 1

RESULT 1521  
AX095210/c  
LOCUS AX095210 21 bp DNA  
DEFINITION Sequence 368 from Patent WO0118250.  
ACCESSION AX095210  
VERSION AX095210.1 GI:13511413  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and



TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 388 15-MAR-2001 ; Millennium  
Pharmaceuticals, Inc. (US)  
location/Qualifiers

FEATURES  
source 1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

OY 1722 ACATCTTCATCGGCACCTGG 1742  
Db 21 ACCTCTCTCTGCGCACCTGG 1

RESULT 1522  
AX095217 21 bp DNA linear PAT 30-MAR-2001

LOCUS AX095217  
DEFINITION Sequence 395 from Patent WO0118250.  
ACCESSION AX095217  
VERSION AX095217.1 GI:13511420  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.O. and  
McCarthy, J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 395 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
location/Qualifiers

FEATURES  
source 1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

OY 137 CCAGGGGACTTCAGCTGCCA 157  
Db 1 CCAGGAGACTTCAGCTTCCA 21

RESULT 1523  
AX095493 21 bp DNA linear PAT 30-MAR-2001  
LOCUS AX095493  
DEFINITION Sequence 671 from Patent WO0118250.  
ACCESSION AX095493  
VERSION AX095493.1 GI:13511696  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.O. and  
McCarthy, J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 671 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
location/Qualifiers

FEATURES  
source 1. .21

/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

OY 1025 CACCATTGGGCTTCCAGAGA 1045  
Db 21 CACCATTGGGCTTCCAGAGA 1

RESULT 1524  
AX095681 21 bp DNA linear PAT 30-MAR-2001

LOCUS AX095681  
DEFINITION Sequence 859 from Patent WO0118250.  
ACCESSION AX095681  
VERSION AX095681.1 GI:13511908  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.O. and  
McCarthy, J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 859 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
location/Qualifiers

FEATURES  
source 1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

OY 4216 GCTTGTGTGTCACACAG 4236  
Db 1 GCTTGTGTGTCACACAG 21

RESULT 1525  
AX096083 21 bp DNA linear PAT 30-MAR-2001  
LOCUS AX096083  
DEFINITION Sequence 1261 from Patent WO0118250.  
ACCESSION AX096083  
VERSION AX096083.1 GI:13512310  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.O. and  
McCarthy, J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 1261 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
location/Qualifiers

FEATURES  
source 1. .21  
/organism="Homo sapiens"  
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Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2365 AGCTGCTCAGACGAGAGGG 2385  
|||:|||||  
Db 1 AGATCCAGACGAGAGAGGG 21

RESULT 1526  
AX096100 21 bp DNA linear PAT 30-MAR-2001  
LOCUS Sequence 1278 from Patent WO0118250.  
AX096100  
ACCESSION  
VERSION AX096100.1 GI:13512327  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 1278 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 3808 ACAAGACCAAGGAGGCCA 3828  
|||||:|||||  
Db 1 ACATGCCCAAGGAGGCCA 21

RESULT 1527  
AX096269 21 bp DNA linear PAT 30-MAR-2001  
LOCUS Sequence 1447 from Patent WO0118250.  
AX096269  
ACCESSION  
VERSION AX096269.1 GI:13512496  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 1447 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2833 AGCTGCTGCTGCTGCTGCTG 2853  
|||||:|||||  
Db 1 AGCTGAGAGTAAATCCGCTG 21

RESULT 1528

AX096297 21 bp DNA linear PAT 30-MAR-2001  
LOCUS Sequence 1475 from Patent WO0118250.  
AX096297  
ACCESSION  
VERSION AX096297.1 GI:13512524  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 1475 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 808 ACCGTGTGCTGCTGAGGAG 828  
|||||:|||||  
Db 1 ACCGTGTGCTGCTGAGGAG 21

RESULT 1529  
AX096320 21 bp DNA linear PAT 30-MAR-2001  
LOCUS Sequence 1498 from Patent WO0118250.  
AX096320  
ACCESSION  
VERSION AX096320.1 GI:13512547  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 1498 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
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/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1987 TGCCCAAGCCTGACGACGAGA 2007  
|||||:|||||  
Db 1 TGCCCAAGCCTGACGACGAGA 21

RESULT 1530  
AX096475 21 bp DNA linear PAT 30-MAR-2001  
LOCUS Sequence 1653 from Patent WO0118250.  
AX096475  
ACCESSION  
VERSION AX096475.1 GI:13512729  
KEYWORDS  
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
Patent: WO 0118250-A 1653 15-MAR-2001;  
JOURNAL WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
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/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3789 GGCGGGGGGGGGGGGGG 3807  
DB 21 GGCGGGGGGGGGGGGGG 3

RESULT 1531  
AX096477 21 bp DNA linear PAT 30-MAR-2001  
LOCUS AX096477  
DEFINITION Sequence 1655 from Patent WO0118250.  
ACCESSION AX096477  
VERSION AX096477.1 GI:13512731  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
Patent: WO 0118250-A 1655 15-MAR-2001;  
JOURNAL WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGTGTGAACAGACAGAGAGA 1608  
DB 1 TGTGTGCACACAGACAGAGA 21

RESULT 1532  
AX096499 21 bp DNA linear PAT 30-MAR-2001  
LOCUS AX096499/c  
DEFINITION Sequence 1677 from Patent WO0118250.  
ACCESSION AX096499  
VERSION AX096499.1 GI:13512753  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes

JOURNAL Patent: WO 0118250-A 1677 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 3145 AGACCTGAGAGGCTCACC 3165  
DB 21 AGGCGCCGAGAGGCTCACC 1

RESULT 1533  
AX096779/c 21 bp DNA linear PAT 30-MAR-2001  
LOCUS AX096779/c  
DEFINITION Sequence 1957 from Patent WO0118250.  
ACCESSION AX096779  
VERSION AX096779.1 GI:13513033  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
Patent: WO 0118250-A 1957 15-MAR-2001;  
JOURNAL WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1895 GGAGATCTCTCAACACTCCCT 1915  
DB 21 GGAGTCTCTCATATTTCCCT 1

RESULT 1534  
AX097306 21 bp DNA linear PAT 30-MAR-2001  
LOCUS AX097306/c  
DEFINITION Sequence 2484 from Patent WO0118250.  
ACCESSION AX097306  
VERSION AX097306.1 GI:13513766  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
Patent: WO 0118250-A 2484 15-MAR-2001;  
JOURNAL WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2672 TCCCGGAGCTGTTGACAGCCA 2692

Db 21 TCCCGTCACTTTGAGAGCA 1

RESULT 1535

AX101420

LOCUS AX101420 21 bp DNA linear PAT 10-APR-2001  
DEFINITION Sequence 112 from Patent WO0121795.  
ACCESSION AX101420  
VERSION AX101420.1 GI:13620152  
KEYWORDS  
SOURCE Mus musculus (house mouse)  
ORGANISM Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 Stahl, A., Hirsch, D.J., Lodish, H.F., Gimeno, R.E. and Tarraglia, L.A.  
AUTHORS Fatty acid transport proteins  
TITLE Patent: WO 0121795-A 112 29-MAR-2001;  
JOURNAL WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)

FEATURES Location/Qualifiers

source

1..21  
/organism="Mus musculus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10090"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3738 CAGGTGCCCGCCCGCCGCGC 3756

Db 3 CAGGTTCCCGCCCGCCCGC 21

RESULT 1536

AX103937

LOCUS AX103937 21 bp DNA linear PAT 30-APR-2001  
DEFINITION Sequence 129 from Patent WO0122972.  
ACCESSION AX103937  
VERSION AX103937.1 GI:13920134  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1 Krieg, A.M., Schetter, C. and Volmer, J.C.  
AUTHORS Immunostimulatory nucleic acids  
TITLE Patent: WO 0122972-A 129 05-APR-2001;  
JOURNAL UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical  
GmbH (DE)

FEATURES Location/Qualifiers

source

1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 728 CATGAGTTCTTCACCAAG 746

Db 3 CATGGTTCTTCACCAAG 21

RESULT 1537

AX103938/c

LOCUS AX103938 21 bp DNA linear PAT 30-APR-2001  
DEFINITION Sequence 130 from Patent WO0122972.  
ACCESSION AX103938  
VERSION AX103938.1 GI:13920135  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1 Krieg, A.M., Schetter, C. and Volmer, J.C.  
AUTHORS Immunostimulatory nucleic acids  
TITLE Patent: WO 0122972-A 130 05-APR-2001;  
JOURNAL UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical  
GmbH (DE)

FEATURES Location/Qualifiers

source

1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 728 CATGAGTTCTTCACCAAG 746

Db 19 CATGGTTCTTCACCAAG 1

RESULT 1538

AX116010

LOCUS AX116010 21 bp DNA linear PAT 11-MAY-2001  
DEFINITION Sequence 1133 from Patent WO0129262.  
ACCESSION AX116010  
VERSION AX116010.1 GI:14032952  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1 Picoult-Newburg, L. and Pohl, M.  
AUTHORS Genocyping reagents, kits and methods of use thereof  
TITLE Patent: WO 0129262-A 1133 26-APR-2001;  
JOURNAL Orchid Biosciences, Inc. (US)

FEATURES Location/Qualifiers

source

1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5224 TTCCCATGATGAGGCTG 5242

Db 2 TTCCCATGATGAGATTG 20

RESULT 1539

AX145851/c

LOCUS AX145851 21 bp DNA linear PAT 31-MAY-2001  
DEFINITION Sequence 42 from Patent WO0134840.  
ACCESSION AX145851  
VERSION AX145851.1 GI:14284369  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1  
AUTHORS Au.K.G., Chen,J.G., Patil,N. and Thomas,D.  
TITLE Genetic compositions and methods  
JOURNAL Patent: WO 0134840-A 42 17-MAY-2001;  
GLAXO GROUP LIMITED (GB); Affymetrix, Inc. (US)  
LOCATION/Qualifiers

FEATURES  
source 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
1..21  
/note="n' represents a polymorphic base"

variation

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 80.0%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 3095 GAAGCTCATGACTTTGTGA 3114  
DB 20 GAAGCTTANGAGGCTGTA 1

RESULT 1540  
AX145943/C 21 bp DNA linear PAT 31-MAY-2001  
LOCUS AX145943  
DEFINITION Sequence 134 from Patent WO0134840.  
ACCESSION AX145943  
VERSION AX145943.1 GI:14284461  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Au.K.G., Chen,J.G., Patil,N. and Thomas,D.  
TITLE Genetic compositions and methods  
JOURNAL Patent: WO 0134840-A 134 17-MAY-2001;  
GLAXO GROUP LIMITED (GB); Affymetrix, Inc. (US)  
LOCATION/Qualifiers

FEATURES  
source 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
1..21  
/note="n' represents a polymorphic base"

variation

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 80.0%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4886 CCCGTGCTCCCTCGAGGT 4905  
DB 20 CCTTTCCTTCTAGAGGT 1

RESULT 1541  
AX146088 21 bp DNA linear PAT 31-MAY-2001  
LOCUS AX146088  
DEFINITION Sequence 279 from Patent WO0134840.  
ACCESSION AX146088  
VERSION AX146088.1 GI:14284606  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Au.K.G., Chen,J.G., Patil,N. and Thomas,D.  
TITLE Genetic compositions and methods  
JOURNAL Patent: WO 0134840-A 279 17-MAY-2001;  
GLAXO GROUP LIMITED (GB); Affymetrix, Inc. (US)  
LOCATION/Qualifiers

FEATURES  
source 1..21

/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
1..21  
/note="n' represents a polymorphic base"

variation

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 80.0%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 86 CTTGAGAGTGCCCAACT 105  
DB 1 CTTGAGAGTGCCCCCACT 20

RESULT 1542  
AX154231/C 21 bp DNA linear PAT 22-JUN-2001  
LOCUS AX154231  
DEFINITION Sequence 329 from Patent WO0138576.  
ACCESSION AX154231  
VERSION AX154231.1 GI:14535845  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Cargill,M., Ireland,J.S. and Lander,E.S.  
TITLE Human single nucleotide polymorphisms  
JOURNAL Patent: WO 0138576-A 329 31-MAY-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)  
LOCATION/Qualifiers

FEATURES  
source 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 76.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Oy 3953 GCGGTGCTGCACCTCCAGCA 3973  
DB 21 GGTGTGCTGTCATGACGCA 1

RESULT 1543  
AX191314 21 bp DNA linear PAT 15-AUG-2001  
LOCUS AX191314  
DEFINITION Sequence 11 from Patent WO0149880.  
ACCESSION AX191314  
VERSION AX191314.1 GI:15209565  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Korfage,C. and Oelmuehler,U.  
TITLE Primers, in particular, for primer-dependent nucleic acid synthesis  
JOURNAL processes and nucleic acid amplification methods  
Patent: WO 0149880-A 11 12-JUL-2001;  
QIAGEN GmbH (DE)  
LOCATION/Qualifiers

FEATURES  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="n/a"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;



AUTHORS Plowman,G., Whyte,D., Sudarsanam,S., Manning,G., Caenepeel,S. and

Charayczak,G.

TITLE Novel proteases

JOURNAL Patent: WO 0200860-A 125 03-JAN-2002;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

FEATURES Location/Qualifiers

source 1..21

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 487 CCCAGCCGAGAGGCCCCAC 505

Db 20 CCCAGCTGATGATGCCAC 2

#### RESULT 1549

LOCUS AX394836 21 bp DNA linear PAT 18-MAY-2002

DEFINITION Sequence 39 from Patent WO0218640.

ACCESSION AX394836

VERSION AX394836.1 GI:21065910

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1

AUTHORS Thillo-Pelet,A., Salomon,R., Hadj-Rabia,S., Lyonnet,S. and

Munnich,A.

TITLE Gene called aladin, involved in allgrove syndrome, its expression

JOURNAL Product and their applications

INSERM (E.P.S.T.) (FR)

Patent: WO 0218640-A 39 07-MAR-2002;

Location/Qualifiers

1..21

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="primer"

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5198 GAATGCAAGAGGATGCA 5216

Db 1 GAATGCAAGAGGAAAGTA 19

#### RESULT 1550

LOCUS AX402733 21 bp DNA linear PAT 07-JUN-2002

DEFINITION Sequence 217 from Patent WO0196612.

ACCESSION AX402733

VERSION AX402733.1 GI:21387724

KEYWORDS

SOURCE unidentified

ORGANISM unidentified

REFERENCE 1

AUTHORS Haugland,R. and Vesper,S.

TITLE Method of identifying and quantifying specific fungi and bacteria

JOURNAL Patent: WO 0196612-A 217 20-DEC-2001;

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (US)

Location/Qualifiers

1..21

/organism="unidentified"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 269 CCTCTCTCTCTCTCTCT 287

Db 19 CCTCTCTCTCTTATTTT 1

/note="Universal Fungal"

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1610 GATCTGCGAGAGATAT 1628

Db 21 GAACCTCGAGAGATCAT 3

#### RESULT 1551

LOCUS AX404301 21 bp DNA linear PAT 14-JUN-2002

DEFINITION Sequence 127 from Patent WO0224747.

ACCESSION AX404301

VERSION AX404301.1 GI:21437582

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1

AUTHORS Brinkmann,U. and Hoffmeyer,S.

TITLE Polymorphisms in human genes of cardiovascular regulators and their

JOURNAL use in diagnostic and therapeutic applications

Patent: WO 0224747-A 127 28-MAR-2002;

Epidaurus Biotechnologie AG (DE)

Location/Qualifiers

1..21

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="artificial sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 269 CCTCTCTCTCTCTCTCT 287

Db 3 CCTCTCTCTCTTATTTT 21

#### RESULT 1552

LOCUS AX404302 21 bp DNA linear PAT 14-JUN-2002

DEFINITION Sequence 128 from Patent WO0224747.

ACCESSION AX404302

VERSION AX404302.1 GI:21437583

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1

AUTHORS Brinkmann,U. and Hoffmeyer,S.

TITLE Polymorphisms in human genes of cardiovascular regulators and their

JOURNAL use in diagnostic and therapeutic applications

Patent: WO 0224747-A 128 28-MAR-2002;

Epidaurus Biotechnologie AG (DE)

Location/Qualifiers

1..21

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="artificial sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 1553  
AX404409/c  
LOCUS AX404409 21 bp DNA linear PAT 14-JUN-2002  
DEFINITION Sequence 235 from Patent WO0224747.  
ACCESSION AX404409  
VERSION AX404409.1 GI:21437690  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Brinkmann,U. and Hoffmeyer,S.  
TITLE Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications  
JOURNAL Patent: WO 0224747-A 235 28-MAR-2002;  
Epidaurus Biotechnologie AG (DE)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="artificial sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2037 GTGAGACAGCGATTGCAA 2055  
Db 20 GTGGATACACGATTGCAA 2

RESULT 1554  
AX404410  
LOCUS AX404410 21 bp DNA linear PAT 14-JUN-2002  
DEFINITION Sequence 236 from Patent WO0224747.  
ACCESSION AX404410  
VERSION AX404410.1 GI:21437691  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Brinkmann,U. and Hoffmeyer,S.  
TITLE Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications  
JOURNAL Patent: WO 0224747-A 236 28-MAR-2002;  
Epidaurus Biotechnologie AG (DE)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="artificial sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2037 GTGAGACAGCGATTGCAA 2055  
Db 2 GTGGATACACGATTGCAA 20

RESULT 1555  
AX404413/c  
LOCUS AX404413 21 bp DNA linear PAT 14-JUN-2002  
DEFINITION Sequence 239 from Patent WO0224747.  
ACCESSION AX404413  
VERSION AX404413.1 GI:21437694  
KEYWORDS

SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Brinkmann,U. and Hoffmeyer,S.  
TITLE Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications  
JOURNAL Patent: WO 0224747-A 239 28-MAR-2002;  
Epidaurus Biotechnologie AG (DE)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="artificial sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2037 GTGAGACAGCGATTGCAA 2055  
Db 20 GTGGATACACGATTGCAA 2

RESULT 1556  
AX404414  
LOCUS AX404414 21 bp DNA linear PAT 14-JUN-2002  
DEFINITION Sequence 240 from Patent WO0224747.  
ACCESSION AX404414  
VERSION AX404414.1 GI:21437695  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Brinkmann,U. and Hoffmeyer,S.  
TITLE Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications  
JOURNAL Patent: WO 0224747-A 240 28-MAR-2002;  
Epidaurus Biotechnologie AG (DE)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="artificial sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2037 GTGAGACAGCGATTGCAA 2055  
Db 2 GTGGATACACGATTGCAA 20

RESULT 1557  
AX418459  
LOCUS AX418459 21 bp DNA linear PAT 18-JUN-2002  
DEFINITION Sequence 54 from Patent WO0206329.  
ACCESSION AX418459  
VERSION AX418459.1 GI:21523351  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Rastelli,L., Shimkets,R.A., Zerhusen,B., Malyankar,U.M. and Padigaru,M.  
TITLE Human polynucleotides and polypeptides encoded thereby  
JOURNAL Patent: WO 0206329-A 54 24-JAN-2002;  
Curegen Corporation (US)



FEATURES  
source  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 773 GAAGAAACATGGGGCTG 791  
Db 1 GTAGTACACATGGGGCTG 19

RESULT 1558  
AX487992/c  
LOCUS AX487992 21 bp DNA linear PAT 16-AUG-2002  
DEFINITION Sequence 5292 from Patent WO02053728.  
ACCESSION AX487992  
VERSION AX487992.1 GI:22322072  
KEYWORDS  
SOURCE  
ORGANISM  
Candida albicans  
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;  
Saccharomycetales; mitosporic Saccharomycetales; Candida.

REFERENCE  
1 Roemer,T., Jiang,B., Boone,C., Bussey,H. and Olsen,K.L.  
AUTHORS Gene disruption methodologies for drug target discovery  
TITLE Patent: WO 02053728-A 5292 11-JUL-2002;  
JOURNAL Elittra Pharmaceuticals, Inc. (US)  
LOCATION/Qualifiers  
1. .21  
/organism="Candida albicans"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:5476"

FEATURES  
source  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2839 TGGTGAAGTTGGTGAGC 2857  
Db 21 TGGTGAAGCTGGTGATAC 3

RESULT 1559  
AX539374  
LOCUS AX539374 21 bp DNA linear PAT 23-NOV-2002  
DEFINITION Sequence 161 from Patent WO02059142.  
ACCESSION AX539374  
VERSION AX539374.1 GI:25272735  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.

REFERENCE  
1 Brinkmann,U., Hoffmeyer,S. and Mornhinweg,E.  
AUTHORS Polymorphisms in the human gene for the multidrug  
TITLE resistance-associated protein 1 (mrp-1) and their use in diagnostic  
JOURNAL and therapeutic applications  
Patent: WO 02059142-A 161 01-AUG-2002;  
Epidaurus Biotechnologie AG (DE)  
LOCATION/Qualifiers  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

FEATURES  
source  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 728 CATGAGTTCTTCACCAAG 746  
Db 3 CATGAGTTCTTCACCAAG 21

RESULT 1560  
AX539375/c  
LOCUS AX539375 21 bp DNA linear PAT 23-NOV-2002  
DEFINITION Sequence 162 from Patent WO02059142.  
ACCESSION AX539375  
VERSION AX539375.1 GI:25272737  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.

REFERENCE  
1 Brinkmann,U., Hoffmeyer,S. and Mornhinweg,E.  
AUTHORS Polymorphisms in the human gene for the multidrug  
TITLE resistance-associated protein 1 (mrp-1) and their use in diagnostic  
JOURNAL and therapeutic applications  
Patent: WO 02059142-A 162 01-AUG-2002;  
Epidaurus Biotechnologie AG (DE)  
LOCATION/Qualifiers  
1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

FEATURES  
source  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 728 CATGAGTTCTTCACCAAG 746  
Db 3 CATGAGTTCTTCACCAAG 21

RESULT 1562  
AX546991/c  
LOCUS AX546991 21 bp DNA linear PAT 01-MAR-2003  
DEFINITION Sequence 130 from Patent WO02051141.

ACCESSION AX546991  
VERSION AX546991.1 GI:25812135  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Bratzler, R.L.  
TITLE Inhibition of angiogenesis by nucleic acids  
JOURNAL Patent: WO 02053141-A 130 11-JUL-2002;  
Coley Pharmaceutical Group, Inc. (US)  
FEATURES  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Sequence"  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 728 CATGAGCTTCTTCACCAAG 746  
|||||  
19 CATGGCTTCTCCACCAAG 1  
DB  
RESULT 1563  
AX553629 21 bp DNA linear PAT 27-NOV-2002  
LOCUS AX553629  
DEFINITION Sequence 33 from Patent WO02074946.  
ACCESSION AX553629  
VERSION AX553629.1 GI:25897627  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE 1  
AUTHORS Serup, P., Heimberg, H. and Gradwohl, G.  
TITLE Method for generating insulin-secreting cells suitable for  
transplantation  
JOURNAL Patent: WO 02074946-A 33 26-SEP-2002;  
NOVO NORDISK A/S (DK)  
FEATURES  
source 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1672 TGCAGCATGAGACAA 1690  
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1 TGCAGCATGAGACAA 19  
DB  
RESULT 1564  
AX590585 21 bp DNA linear PAT 27-JAN-2003  
LOCUS AX590585  
DEFINITION Sequence 25 from Patent WO02086113.  
ACCESSION AX590585  
VERSION AX590585.1 GI:27949194  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1  
AUTHORS Cookson, W.O., Mofett, M.F., Allen, M. and Lench, N.  
TITLE Enzyme and end marker for disease  
JOURNAL Patent: WO 02086113-A 25 31-OCT-2002;

Isis Innovation Limited (GB)  
FEATURES  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1654 AAGCTTCTGCAGCTCCT 1672  
|||||  
2 ACGGCTGCTTCAGCTCCT 20  
DB  
RESULT 1565  
AX611056 21 bp DNA linear PAT 17-FEB-2003  
LOCUS AX611056  
DEFINITION Sequence 2081 from Patent WO02072882.  
ACCESSION AX611056  
VERSION AX611056.1 GI:28406485  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE 1  
AUTHORS Cullen, P. and Seedorf, U.  
TITLE Coronary chip  
JOURNAL Patent: WO 02072882-A 2081 19-SEP-2002;  
OSHAM GmbH (DE)  
FEATURES  
source 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 790 TGGTGACCCATCTGCAATA 808  
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1 TGCAGACCTTCTGCAGTA 19  
DB  
RESULT 1566  
AX611057 21 bp DNA linear PAT 17-FEB-2003  
LOCUS AX611057  
DEFINITION Sequence 2082 from Patent WO02072882.  
ACCESSION AX611057  
VERSION AX611057.1 GI:28406486  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE 1  
AUTHORS Cullen, P. and Seedorf, U.  
TITLE Coronary chip  
JOURNAL Patent: WO 02072882-A 2082 19-SEP-2002;  
OSHAM GmbH (DE)  
FEATURES  
source 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 790 TGGAGCCCATCTGCAATA 808  
Db 1 TGGAGCCCATCTGCAATA 19

RESULT 1567  
LOCUS AX613898 21 bp DNA linear PAT 17-FEB-2003  
DEFINITION Sequence 4923 from Patent WO02072882.  
ACCESSION AX613898  
VERSION AX613898.1 GI:28409327  
KEYWORDS  
SOURCE  
ORGANISM Homo sapiens (human)  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE  
AUTHORS Cullen, P. and Seedorf, U.  
1  
TITLE Coronary chip  
JOURNAL Patent: WO 02072882-A 4923 19-SEP-2002;  
OGHAM GmbH (DE)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4355 GTTGAGGGCCGATTCGA 4373  
Db 19 GTTGAGGGGGGAAATTCGA 1

RESULT 1568  
LOCUS AX648149 21 bp DNA linear PAT 22-MAR-2003  
DEFINITION Sequence 31 from Patent WO02101031.  
ACCESSION AX648149  
VERSION AX648149.1 GI:29150969  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE  
AUTHORS de Wariere, I., Coureau, C., Gros, C., Moncion, A. and Beaune, P.  
1  
TITLE Cyp450-specific dna probes and primers, and biological applications  
JOURNAL Patent: WO 02101031-A 31 19-DEC-2002;  
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)  
(FR)  
FEATURES  
source Location/Qualifiers  
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/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4237 TTCACCTGCTGTGAGCTT 4255  
Db 2 TTCACATCTGTGAGCTT 20

RESULT 1569  
LOCUS AX663058 21 bp DNA linear PAT 29-MAY-2003

DEFINITION Sequence 3 from Patent WO02070740.  
ACCESSION AX663058  
VERSION AX663058.1 GI:29163603  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Wiemsmuller, L.  
1  
TITLE Test system for determining gene toxicities  
JOURNAL Patent: WO 02070740-A 3 12-SEP-2002;  
Wiemsmuller, Lisa (DE)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer EGFPSeq3"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1516 ACAAGTTCTACAGCCACA 1534  
Db 20 ACAACTACACAGCCACA 2

RESULT 1570  
LOCUS AX683811 21 bp DNA linear PAT 29-MAR-2003  
DEFINITION Sequence 16 from Patent WO03006641.  
ACCESSION AX683811  
VERSION AX683811.1 GI:29370839  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Petersen, O.W., Nielsen, H.L. and Petersen, L.R.  
1  
TITLE Eps11, a gene induced by epithelial-stromal interaction in human  
JOURNAL Patent: WO 03006641-A 16 23-JAN-2003;  
Kobenhavns Universitet (DK)  
FEATURES  
source Location/Qualifiers  
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/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Cytokeratin 19 primer for real-time RT-PCR"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2348 CCTCCTGCCACAGCAG 2366  
Db 3 CTTCCTGCTCCTGAGCAG 21

RESULT 1571  
LOCUS AX697386 21 bp DNA linear PAT 02-APR-2003  
DEFINITION Sequence 454 from Patent WO0078961.  
ACCESSION AX697386  
VERSION AX697386.1 GI:29498517  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS Ferrara, N., Stewart, T.A., Williams, P.M., Baker, K.P., Deenoyers, L.,  
1  
Baton, D.L., Gao, W.Q., Pan, J., Botstein, D., Fong, S., Goddard, A.,

Godowski, P.J., Gurney, A.L., Smith, V., Tumas, D., Wood, W.I., Grimaldi, C.J., Hillan, K.J., Paoni, N.F., Roy, M.A. and Matzanbe, C.K. Secreterd and transmembrane polypeptides and nucleic acids encoding the same Patent: WO 0078961-A 454 28-DEC-2000; Genentech Inc. (US)

JOURNAL Location/Qualifiers

FEATURES

source 1..21 /organism="synthetic construct" /mol\_type="unassigned DNA" /db\_xref="taxon:32630" /note="Synthetic oligonucleotide probe"

Query Match 0.3%; Score 14.2; DB 1; Length 21; Best Local Similarity 84.2%; Pred. No. 1.1e+03; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 64 CCATGCTCTAGGCCATG 82  
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1 CCATGCTCTAGGCCAAG 19

Db

RESULT 1572

AX706352 21 bp DNA linear PAT 04-APR-2003

LOCUS AX706352

DEFINITION Sequence 21 from Patent WO03013534.

ACCESSION AX706352

VERSION AX706352.1 GI:29562775

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1

AUTHORS Heinrich, G. and Kerb, R.

TITLE Methods for the treatment of cancer with irinotecan based on CYP3A5

JOURNAL Patent: WO 03013534-A 21 20-FEB-2003; Epidauros Biotechnologie AG (DE)

FEATURES

source 1..21 /organism="Homo sapiens" /mol\_type="unassigned DNA" /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21; Best Local Similarity 84.2%; Pred. No. 1.1e+03; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1669 TCCTGCAGCAGATGAAGA 1687  
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3 TCCTGCAGTGGGTGAAGA 21

Db

RESULT 1573

AX706353/c 21 bp DNA linear PAT 04-APR-2003

LOCUS AX706353

DEFINITION Sequence 22 from Patent WO03013534.

ACCESSION AX706353

VERSION AX706353.1 GI:29562776

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1

AUTHORS Heinrich, G. and Kerb, R.

TITLE Methods for the treatment of cancer with irinotecan based on CYP3A5

JOURNAL Patent: WO 03013534-A 22 20-FEB-2003; Epidauros Biotechnologie AG (DE)

FEATURES

source 1..21 /organism="Homo sapiens" /mol\_type="unassigned DNA" /db\_xref="taxon:9606"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21; Best Local Similarity 84.2%; Pred. No. 1.1e+03; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1669 TCCTGCAGCAGATGAAGA 1687  
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19 TCCTGCAGTGGGTGAAGA 1

Db

RESULT 1574

AX707282 21 bp DNA linear PAT 04-APR-2003

LOCUS AX707282

DEFINITION Sequence 21 from Patent WO03013536.

ACCESSION AX707282

VERSION AX707282.1 GI:29563455

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1

AUTHORS Heinrich, G. and Kerb, R.

TITLE Methods for treatment of cancer using irinotecan based on UGT1A1

JOURNAL Patent: WO 03013536-A 21 20-FEB-2003; Epidauros Biotechnologie AG (DE)

FEATURES

source 1..21 /organism="Homo sapiens" /mol\_type="unassigned DNA" /db\_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 21; Best Local Similarity 84.2%; Pred. No. 1.1e+03; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1669 TCCTGCAGCAGATGAAGA 1687  
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19 TCCTGCAGTGGGTGAAGA 1

Db

RESULT 1575

AX707283/c 21 bp DNA linear PAT 04-APR-2003

LOCUS AX707283

DEFINITION Sequence 22 from Patent WO03013536.

ACCESSION AX707283

VERSION AX707283.1 GI:29563456

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1

AUTHORS Heinrich, G. and Kerb, R.

TITLE Methods for treatment of cancer using irinotecan based on UGT1A1

JOURNAL Patent: WO 03013536-A 22 20-FEB-2003; Epidauros Biotechnologie AG (DE)

FEATURES

source 1..21 /organism="Homo sapiens" /mol\_type="unassigned DNA" /db\_xref="taxon:9606"

RESULT 1576  
AX805235 21 bp DNA linear PAT 25-NOV-2003  
LOCUS  
DEFINITION Sequence 6 from Patent WO03060108.  
ACCESSION AX805235  
VERSION AX805235.1 GI:38522368  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
1 Petersen,L.R., Petersen,O.W., Godjonsson,T., Villadsen,R. and Bisseil,M.J.  
TITLE A suprabasal breast cell line with stem cell properties  
JOURNAL Patent: WO 03060108-A 6 24-JUL-2003;  
Kodemaivs Universitet (DK)  
FEATURES  
source Location/Qualifiers  
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/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer K19-RV"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2348 CCTCCTGTCCTCCGACGACG 2366  
DB 3 CTTCTGTGCTCCGACGACG 21

RESULT 1577  
AX922848/c 21 bp DNA linear PAT 18-DEC-2003  
LOCUS  
DEFINITION Sequence 1188 from Patent WO02068649.  
ACCESSION AX922848  
VERSION AX922848.1 GI:40215866  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
1  
AUTHORS Patent: WO 02068649-A 1188 06-SEP-2002;  
Curagen Corporation (US)  
FEATURES  
source Location/Qualifiers  
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/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: Ag2993 Reverse"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 609 AGCAGTCATCTCCCGG 627  
DB 21 AGCAAGTCATCTACAGG 3

RESULT 1578  
BD010401/c 21 bp DNA linear PAT 09-JAN-2004  
LOCUS  
DEFINITION Chimeric genes and methods for increasing the lysine content of the seeds of plants.  
ACCESSION BD010401  
VERSION BD010401.1 GI:18638774  
KEYWORDS JP 2001502923-A/33.  
SOURCE unidentified  
ORGANISM unidentified  
unclassified.

REFERENCE  
1 (bases 1 to 21)  
AUTHORS Falco,S.C., Iii,R.E.M. and Epelbaum,S.U.  
TITLE Chimeric genes and methods for increasing the lysine content of the seeds of plants  
JOURNAL Patent: JP 2001502923-A 33 06-MAR-2001;  
EI DU PONT DE NEMOURS AND CO  
COMMENT  
OS Unidentified  
PN JP 2001502923-A/33  
PD 06-MAR-2001  
PF 27-MAR-1998 JP 1998543284  
PR 27-MAR-1997 US 08/824627  
PI SAVERIO CARL FALCO,RAYMOND ERVIN MCDEVITT III, PI SABINE URSULA EPELBAUM  
PC C12N9/06,C12N9/12,C12N9/88,C12P13/08,C12N15/82 CC  
Strandedness: Single;  
CC Topology: Linear;  
FH Key Location/Qualifiers  
FT source 1..21  
/organism="Unidentified".  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2802 GAAGAGAAATGAGAAG 2820  
DB 21 GGAGAGAGAGCTGAGAAG 3

RESULT 1579  
BD022504 21 bp DNA linear PAT 27-AUG-2002  
LOCUS  
DEFINITION Multi-functional chimeric hematopoietic receptor agonists.  
ACCESSION BD022504  
VERSION BD022504.1 GI:22563727  
KEYWORDS JP 2001504689-A/459.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE  
1 (bases 1 to 21)  
AUTHORS Mcwatar,C.A., Fen,I., Mckyan,J.P., Somers,N.L., Sutate,N.R., Sutorita,P.R., Mainari,J.C., Minster,N.I. and Wolf,S.L.  
TITLE Multi-functional chimeric hematopoietic receptor agonists  
JOURNAL Patent: JP 2001504689-A 459 10-APR-2001;  
G.D SEARLE AND CO  
PN JP 2001504689-A/459  
PD 10-APR-2001  
PF 23-OCT-1997 JP 1998519754  
PI CHARLES A MCWATAR,IKIN FEN,JOHN P MCKYAN,NINA L SOMERS, PI NICHOLAS R SUTAREN  
PI PHILIP R SUTORITA,JOHN C MAINARI,NANCY I MINSTER,SUSAN L WOLF PC C12N15/09,A61K38/00,A61K39/00,A61K45/00,A61K48/00,A61P7/06, PC A61P31/00,  
PC A61P35/00,A61P37/02,C07K14/475,C07K14/52,C12P21/02,C12N15/00,  
PC A61K37/02  
CC Strandedness: Single;  
CC Topology: Linear;  
FH Key Location/Qualifiers  
FT source 1..21  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy	262	GCCCCCCCCTGCTCTT	280
Db	1	GCCCCCCCACAGCTCTT	19
RESULT 1580			
LOCUS	BD022505/c		
DEFINITION	BD022505	21 bp	DNA
ACCSSION	BD022505.1	GI:22563728	linear PAT 27-AUG-2002
VERSION	JP 2001504689-A/460.		
KEYWORDS	unidentified		
SOURCE	unclassified		
ORGANISM	unclassified.		
REFERENCE	1 (bases 1 to 21)		
AUTHORS	Mccarty,C.A., Fen,I., Mckay,J.P., Somers,N.L., Sutace,N.R., Sutorita,P.R., Mainari,J.C., Minster,N.I. and Wolf,S.L. Multi-functional chimeric hematopoietic receptor agonists Patent: JP 2001504689-A 460 10-APR-2001;		
TITLE	G D SEARLE AND CO		
JOURNAL	PN JP 2001504689-A/460		
COMMENT	PD 10-APR-2001 PF 23-OCT-1997 JP 1998519754 PI CHARLES A MCWATKINS, IKIN FEN, JOHN P MCKAY, NINA L SOMERS, PI NICHOLAS R SUTATE, PHILIP R SUTORITA, JOHN C MAINARI, NANCY I MINSTER, SUSAN L WOLF PC CI2N15/09,A6IK38/00,A6IK39/00,A6IK45/00,A6IK48/00,A6IP7/06, PC A6IP31/00, PC A6IP35/00,A6IP37/02,C07K14/475,C07K14/52,C12P21/02,C12N15/00, PC A6IK37/02 CC Strandedness: Single; CC Topology: Linear; FH Key Location/Qualifiers.		
FEATURES	source	1..21	
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		/mol_type="genomic DNA"	
		/db_xref="taxon:32644"	
Query Match		0.3%; Score 14.2; DB 1; Length 21;	
Best Local Similarity		84.2%; Pred.No.1.le+03;	
Matches	16; Conservative	0; Mismatches 3; Indels 0; Gaps 0;	
Oy	262	GCCCCCCCCTGCTCTT	280
Db	21	GCCCCCCCACAGCTCTT	3
RESULT 1581			
LOCUS	BD056563	21 bp	DNA
DEFINITION	BD056563	linear PAT 27-AUG-2002	
ACCSSION	BD056563	Method to diagnose and treat pathological conditions resulting from	
VERSION	BD056563.1	deficient ion transport.	
KEYWORDS	JP 2001508291-A/20.		
SOURCE	synthetic construct		
ORGANISM	artificial sequence.		
REFERENCE	1 (bases 1 to 21)		
AUTHORS	Lifton,R.P. and Simon,D.B.		
TITLE	Method to diagnose and treat pathological conditions resulting from		
JOURNAL	deficient ion transport		
COMMENT	Patent: JP 2001508291-A 20 26-JUN-2001;		
	YALE UNIVERSITY		
	OS Artificial Sequence		
	PN JP 2001508291-A/20		
	PD 26-JUN-2001		
	PF 19-DEC-1997 JP 1998530123		
	PR 31-DEC-1996 US 08/778052		
	PI RICHARD P LIFTON DAVID B SIMON		
	PC CI2N15/09,C07K14/435,C07K16/00,C12N1/15,C12N1/19,C12N1/21, PC		

FEATURES	source	Location/Qualifiers
Query Match	0.3%; Score 14.2; DB 1; Length 21;	
Best Local Similarity	84.2%; Pred. No. 1.1e+03;	
Matches	16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;	
OY	1337 AGACAGGTCAAGCGCTTG 1355	
Db	3 AGCATGTGTACGGGCTTG 21	
RESULT 1582		
LOCUS	BD070825	21 bp DNA linear PAT 27-AUG-2002
DEFINITION	Method to diagnose and treat pathological conditions resulting from	
ACCESSION	BD070825	
VERSION	BD070825.1 GI:22616428	
KEYWORDS	JP 2001514521-A/64.	
SOURCE	unidentified	
ORGANISM	unclassified	
REFERENCE	1 (bases 1 to 21)	
AUTHORS	Lifton, R.P., Chang, S.S. and Rosier, B.C.	
TITLE	Method to diagnose and treat pathological conditions resulting from	
JOURNAL	deficient in transport such as pseudohypoadosteronism type-1	
COMMENT	Patent: JP 2001514521-A 64 11-SEP-2001;	
	YALE UNIVERSITY	
	OS Unidentified	
	PN JP 2001514521-A/64	
	PD 11-SEP-2001	
	PF 11-MAR-1998 JP 1998539716	
	PR 11-MAR-1997 US 60/040171	
	PI RICHARD P LIFTON, SUE S CHANG, BERNARD C ROSSIER PC	
	CI201/68, C07K16/18, CI2N15/12, CI2N5/10, C07K14/47 CC	Strandedness:
	Single;	
	CC Topology: Linear;	
	CC /deac = 'primer'	
	PH Key	
	FT source	1..21
FEATURES		Location/Qualifiers
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	Location/Qualifiers	
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	/mol_type='genomic DNA'	
	/db_xref='taxon:32644'	
OY	535 GCACATCACCGGCTCCA 553	
Db	3 GCACATCACCGGCTCCA 21	
RESULT 1583		
LOCUS	BD088540	21 bp DNA linear PAT 27-AUG-2002
DEFINITION	A method of arraying genome clone.	
ACCESSION	BD088540	
VERSION	BD088540.1 GI:22634150	
KEYWORDS	JP 2001321190-A/784.	
SOURCE	synthetic construct	
ORGANISM	synthetic construct	

REFERENCE 1 artificial sequences.  
AUTHORS Soeda,E.  
TITLE A method of arraying genome clone  
JOURNAL Patent: JP 2001321190-A 784 20-NOV-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA  
GENOTECHS

COMMENT OS Artificial Sequence  
PN JP 2001321190-A/784  
PD 20-NOV-2001  
PF 12-MAR-2001 JP 2001068285  
PI EICHI SOEDA  
PC C12N15/09,C12N15/00,C12Q1/68,G01N33/53,G01N33/566, PC  
C12N15/00  
PC C12N15/00  
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QY 3089 GAGGAGAGAGCTCTATGAC 3107  
DB 1 GAGTGAGAGAGCTGATGAC 19  
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RESULT 1584  
LOCUS BD107304/c 21 bp DNA linear PAT 18-SEP-2002  
DEFINITION Reelin protein CR-50 epitope domain.  
ACCESSION BD107304  
VERSION BD107304.1 GI:23202122  
KEYWORDS JP 2002017361-A/7.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Mikoshiba,K. and Tate,N.  
TITLE Reelin protein CR-50 epitope domain  
JOURNAL Patent: JP 2002017361-A 7 22-JAN-2002;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH  
COMMENT OS Artificial Sequence  
PN JP 2002017361-A/7  
PD 22-JAN-2002  
PF 04-JUL-2000 JP 2000202801  
PI KATSUHIKO MIKOSHIBA,NAOKO TATE  
PC C12N15/09,A61K31/711,A61K38/00,A61K48/00,A61P25/00,C07K14/47,  
PC C12N1/15,C12N1/21,C12N5/10,C12P21/02,G01N33/15,G01N33/50, PC  
G01N33/50.  
PC G01N33/53//C12N15/09,C12R1.91,(C12N1/21,C12R1.19),C12N15/00,  
PC A61K37/02,  
PC C12N5/00,(C12N15/00,C12R1.91)  
CC synthetic primer for PCR  
FH key  
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Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4228 CCCACAGAGTCTACTGCTT 4246  
DB 21 CCCACAGAGGCACTGCTT 3  
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RESULT 1585  
BD128641  
LOCUS BD128641 21 bp DNA linear PAT 18-SEP-2002  
DEFINITION OSF2/CBFA1 compositions and methods of use.  
ACCESSION BD128641  
VERSION BD128641.1 GI:23223586  
KEYWORDS JP 2002502250-A/26.  
SOURCE unidentified  
ORGANISM unidentified  
unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Ducky,P. and Karsenty,G.  
TITLE OSF2/CBFA1 compositions and methods of use  
JOURNAL Patent: JP 2002502250-A 26 22-JAN-2002;  
BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM  
COMMENT OS Unidentified  
PN JP 2002502250-A/26  
PD 22-JAN-2002  
PF 29-MAY-1998 JP 199500892  
PR 29-MAY-1997 US 60/048430,24-MAR-1998 US 60/080189 PI  
PATRICIA DUCKY,GERARD KARSENTY  
PC C12N15/12,C12N15/86,C12N7/01,C12N5/10,C12N1/21,C12Q1/68,C07K14/ PC  
47,  
CC C07K16/18,A61K31/70,A61K38/17,A61K48/00,G01N33/53,A01K67/027  
CC Strandedness: Single;  
CC Topology: Linear;  
CC OSF2/CBFA1 compositions and methods of use  
FH key  
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Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 960 CGAGCGACGAGCCAGCC 978  
DB 3 CCAGCCACGAGCCAGCC 21  
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RESULT 1586  
BD133215/c 21 bp DNA linear PAT 18-SEP-2002  
DEFINITION Polymerase enhancing factor (PEF) extracts, PEF protein complexes,  
isolated PEF proteins, and methods for purifying and identifying  
them.  
ACCESSION BD133215  
VERSION BD133215.1 GI:23228160  
KEYWORDS JP 2002505572-A/11.  
SOURCE unidentified  
ORGANISM unidentified  
unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hogrefe,H. and Hansen,C.J.  
TITLE Polymerase enhancing factor (PEF) extracts, PEF protein complexes,  
isolated PEF proteins, and methods for purifying and identifying  
JOURNAL Patent: JP 2002505572-A 11 19-FEB-2002;  
STRATAGENE  
COMMENT OS Unidentified  
PN JP 2002505572-A/11

PD 19-FEB-2002  
PR 20-MAR-1998 JP 1998545828  
PR 21-MAR-1997 US 08/822774,24-OCT-1997 US 08/957709 P1  
HOLLY HOGREFE,CONNIE J HANSEN  
PC C12P19/34,C12O1/58,C12N9/12  
CC Strandedness: Single;  
CC Topology: Linear;  
CC Polymerase enhancing factor (PEF) extracts, PEF protein CC  
complexes,  
CC isolated PEF proteins, and methods for purifying and CC  
identifying them  
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Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1650 AGAAGAGCTTCTGCCAGC 1668  
DB 19 AGTGAAGTCTTCTCCAGC 1

RESULT 1587  
BD13234/c  
LOCUS BD13234 21 bp DNA linear PAT 18-SEP-2002  
DEFINITION Polymerase enhancing factor (PEF) extracts, PEF protein complexes,  
isolated PEF proteins, and methods for purifying and identifying  
them  
ACCESSION BD13234  
VERSION BD13234.1 GI:23228179  
KEYWORDS JP 2002505572-A/30.  
SOURCE unidentified  
ORGANISM unclassified

REFERENCE  
AUTHORS 1 (bases 1 to 21)  
Hogrefe,H. and Hansen,C.J.  
TITLE Polymerase enhancing factor (PEF) extracts, PEF protein complexes,  
isolated PEF proteins, and methods for purifying and identifying  
Patent: JP 2002505572-A 30 19-FEB-2002;  
JOURNAL STRATAGEME  
COMMENT OS Unidentified  
PN JP 2002505572-A/30  
PD 19-FEB-2002  
PR 20-MAR-1998 JP 1998545828  
PR 21-MAR-1997 US 08/822774,24-OCT-1997 US 08/957709 P1  
HOLLY HOGREFE,CONNIE J HANSEN  
PC C12P19/34,C12O1/58,C12N9/12  
CC Strandedness: Single;  
CC Topology: Linear;  
CC Polymerase enhancing factor (PEF) extracts, PEF protein CC  
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CC isolated PEF proteins, and methods for purifying and CC  
identifying them  
FH Key Location/Qualifiers  
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Query Match 0.3%; Score 14.2; DB 1; Length 21;  
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1650 AGAAGAGCTTCTGCCAGC 1668  
DB 19 AGTGAAGTCTTCTCCAGC 1

RESULT 1588  
BD13237/c  
LOCUS BD13237 21 bp DNA linear PAT 18-SEP-2002  
DEFINITION Polymerase enhancing factor (PEF) extracts, PEF protein complexes,  
isolated PEF proteins, and methods for purifying and identifying  
them  
ACCESSION BD13237  
VERSION BD13237.1 GI:23228182  
KEYWORDS JP 2002505572-A/33.  
SOURCE unidentified  
ORGANISM unclassified

REFERENCE  
AUTHORS 1 (bases 1 to 21)  
Hogrefe,H. and Hansen,C.J.  
TITLE Polymerase enhancing factor (PEF) extracts, PEF protein complexes,  
isolated PEF proteins, and methods for purifying and identifying  
Patent: JP 2002505572-A 33 19-FEB-2002;  
JOURNAL STRATAGEME  
COMMENT OS Unidentified  
PN JP 2002505572-A/33  
PD 19-FEB-2002  
PR 20-MAR-1998 JP 1998545828  
PR 21-MAR-1997 US 08/822774,24-OCT-1997 US 08/957709 P1  
HOLLY HOGREFE,CONNIE J HANSEN  
PC C12P19/34,C12O1/58,C12N9/12  
CC Strandedness: Single;  
CC Topology: Linear;  
CC Polymerase enhancing factor (PEF) extracts, PEF protein CC  
complexes,  
CC isolated PEF proteins, and methods for purifying and CC  
identifying them  
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1650 AGAAGAGCTTCTGCCAGC 1668  
DB 19 AGTGAAGTCTTCTCCAGC 1

RESULT 1589  
S68669  
LOCUS S68669 21 bp DNA linear PRI 07-MAY-1993  
DEFINITION ARSA-aryl sulfatase A [human, Genomic Mutant, 21 nt].  
ACCESSION S68669  
VERSION S68669.1 GI:239917  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
1 (bases 1 to 21)  
Fluharty,A.L., Fluharty,C.B., Bohne,W., von Figura,K. and  
GieseImann,V.  
TITLE Two new arylsulfatase A (ARSA) mutations in a juvenile  
metachromatic leukodystrophy (MLD) patient  
JOURNAL Am. J. Hum. Genet. 49 (6), 1340-1350 (1991)  
MEDLINE 92081780  
PUBMED 1684088



REMARK Genbank staff at the National Library of Medicine created this entry [NCBI gisbed 68669] from the original journal article.

COMMENT T to G transversion at nucleotide 799.

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source

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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4314 GGTCCCGAGCTGCTTTG 4332  
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3 GGTCCCGAGCTGCTTTG 21

Db

RESULT 1590

AB069505 21 bp DNA linear SYN 21-MAY-2003  
LOCUS Synthetic construct DNA, reverse primer for human STS sts-STSG23150  
DEFINITION at 1p36.  
ACCESSION AB069505  
VERSION AB069505.1 GI:15130309  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Chen, Y.-Z., Hayashi, Y., Wu, J.-G., Takacka, E., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Onita, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A. and Soeda, E.  
TITLE A BAC-based STS-content map spanning a 35-kb region of human chromosome 1p35-p36  
JOURNAL Genomics 74 (1), 55-70 (2001)  
MEDLINE 11374902  
PUBMED 11374902  
2 (bases 1 to 21)  
REFERENCE Direct Submission  
AUTHORS Horii, A.  
TITLE Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology, 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp, Tel: 81-22-717-8042, Fax: 81-22-717-8047)  
JOURNAL  
FEATURES  
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/db\_xref="taxon:32630"  
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misc\_feature

Query Match 0.3%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 3089 GAGGAGAGCTTATGAC 3107  
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1 GAGTGAGAGCTGTATGAC 19

Db

RESULT 1591

AR042871 15 bp DNA linear PAT 29-SEP-1999  
LOCUS  
DEFINITION Sequence 1 from patent US 5811538.  
ACCESSION AR042871

VERSION AR042871.1 GI:5963367  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 15)  
AUTHORS Riley, T. Andrew., Reynolds, M. Alan., Snyder, L. Robert. and Klem, R. E.  
TITLE Process for the purification of oligomers  
JOURNAL Patent: US 5811538-A 1 22-SEP-1998;  
FEATURES  
Location/Qualifiers  
source  
1..15  
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Query Match 0.3%; Score 14; DB 1; Length 15;  
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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 282 CTCTCTCTCTCT 295  
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1 CTCTCTCTCTCT 14

Db

RESULT 1592

AR042872 15 bp DNA linear PAT 29-SEP-1999  
LOCUS  
DEFINITION Sequence 2 from patent US 5811538.  
ACCESSION AR042872  
VERSION AR042872.1 GI:5963368  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 15)  
AUTHORS Riley, T. Andrew., Reynolds, M. Alan., Snyder, L. Robert. and Klem, R. E.  
TITLE Process for the purification of oligomers  
JOURNAL Patent: US 5811538-A 2 22-SEP-1998;  
FEATURES  
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Best Local Similarity 100.0%; Pred. No. 7.8e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 282 CTCTCTCTCTCT 295  
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1 CTCTCTCTCTCT 14

Db

RESULT 1593

AR087516 15 bp DNA linear PAT 07-SEP-2000  
LOCUS  
DEFINITION Sequence 1 from patent US 5986083.  
ACCESSION AR087516  
VERSION AR087516.1 GI:10014279  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 15)  
AUTHORS Dwyer, B. P., Arnold, L. John. Jr. and Reynolds, M. Alan.  
TITLE Synthetic oligomers having phosphonate internucleosidyl linkages of undefined chirality mixed with non-phosphonate internucleosidyl linkages  
JOURNAL Patent: US 5986083-A 1 16-NOV-1999;  
FEATURES  
Location/Qualifiers  
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Query Match 0.3%; Score 14; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 7.8e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 282 CTCCTCTCTCTCT 295  
Db 1 CTCCTCTCTCTCT 14

RESULT 1594  
AR087517 15 bp DNA linear PAT 07-SEP-2000  
LOCUS AR087517  
DEFINITION Sequence 2 from patent US 5986083.  
ACCESSION AR087517  
VERSION AR087517.1 GI:10014280  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 15)  
AUTHORS Dwyer,B.F., Arnold,L.,John, Jr. and Reynolds,M.,Alan.  
TITLE Synthetic oligomers having phosphonate internucleosidyl linkages of undefined chirality mixed with non-phosphonate internucleosidyl linkages  
JOURNAL Patent: US 5986083-A 2 16-NOV-1999;  
FEATURES Location/Qualifiers  
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Query Match 0.3%; Score 14; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.8e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 282 CTCCTCTCTCTCT 295  
Db 1 CTCCTCTCTCTCT 14

RESULT 1595  
BD208590 15 bp RNA linear PAT 17-JUL-2003  
LOCUS BD208590  
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection.  
ACCESSION BD208590  
VERSION BD208590.1 GI:33018360  
KEYWORDS JP 2002512791-A/2180.  
SOURCE unidentified  
ORGANISM unclassified.  
REFERENCE 1 (bases 1 to 15)  
AUTHORS Blact,L., Mcswiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.  
TITLE Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection  
JOURNAL Patent: JP 2002512791-A 2180 08-MAY-2002;  
COMMENT RIBOZYME PHARMACEUTICALS INC  
OS Hepatitis virus (hepatitis C virus)  
PN JP 2002512791-A/2180  
PD 08-MAY-2002  
PR 26-APR-1999 JP 2000545991  
PR 27-APR-1998 US 60/083217,18-SEP-1998 US 60/100842 PR  
25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI  
LAWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI  
PAVCO.  
PI DENNIS MACEJAK  
PC C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,  
PC A61K37/66,  
PC C12N15/00  
CC Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection.  
CC hepatitis C virus infection.  
FH key Location/Qualifiers  
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FEATURES Location/Qualifiers  
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Query Match 0.3%; Score 14; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.8e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3002 GCCCATCTACACGC 3015  
Db 2 GCCCATCTACACGC 15

RESULT 1596  
AR046832 17 bp DNA linear PAT 29-SEP-1999  
LOCUS AR046832  
DEFINITION Sequence 1625 from patent US 5817796.  
ACCESSION AR046832  
VERSION AR046832.1 GI:5968297  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.  
TITLE C-myp ribozymes having 2'-5'-linked adenylate residues  
JOURNAL Patent: US 5817796-A 1625 06-OCT-1998;  
FEATURES Location/Qualifiers  
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Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2320 AAAAATCAAGCAG 2333  
Db 2 AAAAATCAAGCAG 15

RESULT 1597  
BD201276 17 bp RNA linear PAT 17-JUL-2003  
LOCUS BD201276/c  
DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.  
ACCESSION BD201276  
VERSION BD201276.1 GI:33011046  
KEYWORDS JP 2002509721-A/4302.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiindae; Homo.  
TITLE Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response  
JOURNAL Patent: JP 2002509721-A 4302 02-APR-2002;  
COMMENT RIBOZYME PHARMACEUTICALS INC  
OS Homo sapiens (human)  
PN JP 2002509721-A/4302  
PD 02-APR-2002  
PR 24-MAR-1999 JP 2000541291  
PR 27-MAR-1998 US 60/079678  
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,  
PI JAMES A MCSWIGGEN  
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC  
A61P29/00,  
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC

CC C12N5/00  
Method and reagent for treating diseases or conditions CC

CC participating in vasculogenic response  
FH Key Location/Qualifiers  
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Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 532 ATGGCAACATCACC 545  
DB 14 ATGGCAACATCACC 1

RESULT 1598  
BD241401/c 17 bp DNA linear PAT 17-JUL-2003  
LOCUS BD241401  
DEFINITION Methods and products related to genotyping and DNA analysis.  
ACCESSION BD241401  
VERSION BD241401.1 GI:33051171  
KEYWORDS JP 2002525127-A/348.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Landers,J.E., Jordan,B., Housman,D.E. and Charest,A.  
TITLE Methods and products related to genotyping and DNA analysis  
JOURNAL Patent: JP 2002525127-A 348 13-AUG-2002;  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
COMMENT OS Homo sapiens (human)  
PN JP 2002525127-A/348  
PD 13-AUG-2002  
PF 24-SEP-1999 JP 2000572407  
PR 25-SEP-1998 US 60/101757  
PI JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST, PC  
C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC  
G01N37/00,  
PC C12N15/00  
CC Methods and products related to genotyping and DNA analysis FH  
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Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2895 TACCTGCTAGACCA 2908  
DB 15 TACCTGCTAGACCA 2

RESULT 1599  
BD254423/c 17 bp DNA linear PAT 17-JUL-2003  
LOCUS BD254423  
DEFINITION Regulation of repressor genes using nucleic acid molecules.  
ACCESSION BD254423  
VERSION BD254423.1 GI:33064193  
KEYWORDS JP 2002541795-A/2216.

SOURCE .  
ORGANISM unidentified  
unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Blatt,L., Zwick,M., Pavco,P. and McSwiggen,J.  
TITLE Regulation of repressor genes using nucleic acid molecules  
JOURNAL Patent: JP 2002541795-A 2216 10-DEC-2002;  
RIBOZYME PHARMACEUTICALS INC  
COMMENT OS Eukaryote  
PN JP 2002541795-A/2216  
PD 10-DEC-2002 JP 2000611654  
PF 11-APR-2000 JP 2000611654  
PR 12-APR-1999 US 60/129390  
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN, PC  
C12N15/09, A61K38/00, A61P43/00, A61P43/00, C12N5/10, PC  
C12P21/02,  
PC C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC  
C12R1:91),  
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,  
PC A61K37/02,  
PC (C12N5/00, C12R1:91)  
CC Regulation of repressor genes using nucleic acid molecules FH  
Key Location/Qualifiers  
FT source 1. .17  
/organism="Eukaryote".  
Location/Qualifiers  
1. .17  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 975 AGCCGCGCAGCCT 988  
DB 17 AGCCGCGCAGCCT 4

RESULT 1600  
BD255447 17 bp DNA linear PAT 17-JUL-2003  
LOCUS BD255447  
DEFINITION Regulation of repressor genes using nucleic acid molecules.  
ACCESSION BD255447  
VERSION BD255447.1 GI:33065217  
KEYWORDS JP 2002541795-A/3240.  
SOURCE unidentified  
ORGANISM unidentified  
unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Blatt,L., Zwick,M., Pavco,P. and McSwiggen,J.  
TITLE Regulation of repressor genes using nucleic acid molecules  
JOURNAL Patent: JP 2002541795-A 3240 10-DEC-2002;  
RIBOZYME PHARMACEUTICALS INC  
COMMENT OS Eukaryote  
PN JP 2002541795-A/3240  
PD 10-DEC-2002 JP 2000611654  
PF 11-APR-2000 JP 2000611654  
PR 12-APR-1999 US 60/129390  
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN, PC  
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC  
C12P21/02,  
PC C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC  
C12R1:91),  
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,  
PC A61K37/02,  
PC (C12N5/00, C12R1:91)  
CC Regulation of repressor genes using nucleic acid molecules FH  
Key Location/Qualifiers  
FT source 1. .17

FEATURES  
source FT Location/Qualifiers  
1.17  
/organism="Eukaryote"  
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/db\_xref="taxon:32644"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3583 TGAATTCCTTCCT 3596  
|||||  
4 TGAATTCCTTCCT 17

RESULT 1601  
BD255448 17 bp DNA linear PAT 17-JUL-2003  
LOCUS BD255448  
DEFINITION Regulation of repressor gene using nucleic acid molecules.  
ACCESSION BD255448.1 GI:33065218  
VERSION BD255448.1  
KEYWORDS JP 2002541795-A/3241.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Blact.L., Zwick.M., Pavco.P. and Mcswigen.J.  
TITLE Regulation of repressor gene using nucleic acid molecules  
JOURNAL Patent: JP 2002541795-A 3241 10-DEC-2002;  
RIBOZYME PHARMACEUTICALS INC

COMMENT  
OS Eukaryote  
PN JP 2002541795-A/3241  
PD 10-DEC-2002  
PR 11-APR-2000 JP 2000611654  
PR 12-APR-1999 US 60/129390  
PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC  
CI2N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC  
C12P21/02,  
PC  
C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC  
C12R1:91),  
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,  
PC A61K37/02,  
PC (C12N5/00,C12R1:91)  
CC Regulation of repressor genes using nucleic acid molecules FH  
Key Location/Qualifiers  
FT source 1.17  
Location/Qualifiers  
1.17  
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/db\_xref="taxon:32644"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3583 TGAATTCCTTCCT 3596  
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3 TGAATTCCTTCCT 16

RESULT 1602  
CO621662 17 bp DNA linear PAT 02-FEB-2004  
LOCUS CO621662  
DEFINITION Sequence 6402 from Patent WO0192524.  
ACCESSION CO621662  
VERSION CO621662.1 GI:41671880  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens

REFERENCE  
AUTHORS 1  
TITLE Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
JOURNAL Shannon,M.E.  
Myosin-like gene expressed in human heart and muscle  
Patent: WO 0192524-A 6402 06-DEC-2001;  
Neomica, Inc. (US)

FEATURES  
source 1.17  
Location/Qualifiers  
1.17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3058 AGATCAAGCTGCAG 3071  
|||||  
4 AGATCAAGCTGCAG 17

RESULT 1603  
CO621666 17 bp DNA linear PAT 02-FEB-2004  
LOCUS CO621666  
DEFINITION Sequence 6406 from Patent WO0192524.  
ACCESSION CO621666  
VERSION CO621666.1 GI:41671884  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
TITLE Shannon,M.E.  
JOURNAL Myosin-like gene expressed in human heart and muscle  
Patent: WO 0192524-A 6406 06-DEC-2001;  
Neomica, Inc. (US)

FEATURES  
source 1.17  
Location/Qualifiers  
1.17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3059 GATCAAGCTGCAGA 3072  
|||||  
1 GATCAAGCTGCAGA 14

RESULT 1604  
I53884 17 bp DNA linear PAT 07-OCT-1997  
LOCUS I53884  
DEFINITION Sequence 1625 from patent US 5646042.  
ACCESSION I53884  
VERSION I53884.1 GI:2475087  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Scinchcomb,D.T., Draper,K., Mcswigen,J. and Jarvis,T.  
TITLE C-myb targeted ribozymes  
JOURNAL Patent: US 5646042-A 1625 08-JUL-1997;  
FEATURES Location/Qualifiers  
1.17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9,4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2320 AAAAAATCAGCAG 2333  
|||||  
1 CAGGAAGTCAGTCA 15

Db 2 AAAAAATCAGCAG 15

RESULT 1605  
ARI86861 17 bp DNA linear PAT 20-APR-2002  
LOCUS Sequence 2349 from patent US 6346398.  
DEFINITION ARI86861  
ACCESSION ARI86861  
VERSION ARI86861.1 GI:20232826  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Payco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6346398-A 2349 12-FEB-2002;  
FEATURES Location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="unasigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9,4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 363 CAGGAAGTCAGTCA 376  
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1 CAGGAAGTCAGTCA 14

Db 1 CAGGAAGTCAGTCA 14

RESULT 1606  
AR323492 17 bp RNA linear PAT 17-AUG-2003  
LOCUS AR323492  
DEFINITION Sequence 894 from patent US 6566127.  
ACCESSION AR323492  
VERSION AR323492.1 GI:33709300  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Payco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 894 20-MAY-2003;  
FEATURES Location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="unasigned RNA"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9,4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 363 CAGGAAGTCAGTCA 376  
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1 CAGGAAGTCAGTCA 14

Db 1 CAGGAAGTCAGTCA 14

RESULT 1607  
AR462725 17 bp DNA linear PAT 20-FEB-2004  
LOCUS AR462725  
DEFINITION Sequence 6402 from patent US 6686188.  
ACCESSION AR462725

VERSION AR462725.1 GI:42697782  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 6402 03-FEB-2004;  
FEATURES Location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9,4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3058 AGATCAAGCTGCAG 3071  
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4 AGATCAAGCTGCAG 17

Db 4 AGATCAAGCTGCAG 17

RESULT 1608  
AR462729 17 bp DNA linear PAT 20-FEB-2004  
LOCUS AR462729  
DEFINITION Sequence 6406 from patent US 6686188.  
ACCESSION AR462729  
VERSION AR462729.1 GI:42697786  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 6406 03-FEB-2004;  
FEATURES Location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9,4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3059 GATCAAGCTGCAGA 3072  
|||||  
1 GATCAAGCTGCAGA 14

Db 1 GATCAAGCTGCAGA 14

RESULT 1609  
AR482902/c 17 bp DNA linear PAT 14-MAY-2004  
LOCUS AR482902  
DEFINITION Sequence 348 from patent US 6703228.  
ACCESSION AR482902  
VERSION AR482902.1 GI:47245425  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Landers,J., Jordan,B., Housman,D.B. and Charest,A.  
TITLE Methods and products related to genotyping and DNA analysis  
JOURNAL Patent: US 6703228-A 348 09-MAR-2004;  
FEATURES Location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2895 TACCTGCTAGACCA 2908  
DB 15 TACCTGCTAGACCA 2

RESULT 1610  
AX722743 17 bp DNA linear PAT 08-MAY-2003  
LOCUS  
DEFINITION Sequence 430 from Patent WO03025176.  
ACCESSION AX722743  
VERSION AX722743.1 GI:30423244  
KEYWORDS  
SOURCE Mus musculus (house mouse)  
ORGANISM Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour  
reversion, apoptosis and/or virus resistance and their use as  
medicines  
PATENT: WO 03025176-A 430 27-MAR-2003;  
Molecular Engines Laboratories (FR)  
LOCATION/Qualifiers  
1. .17  
/organism="Mus musculus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10090"

FEATURES  
JOURNAL  
source

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2325 ATCAAGCAGCAGCA 2338  
DB 2 ATCAAGCAGCAGCA 15

RESULT 1611  
AX723035 17 bp DNA linear PAT 08-MAY-2003  
LOCUS  
DEFINITION Sequence 722 from Patent WO03025176.  
ACCESSION AX723035  
VERSION AX723035.1 GI:30423536  
KEYWORDS  
SOURCE Mus musculus (house mouse)  
ORGANISM Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour  
reversion, apoptosis and/or virus resistance and their use as  
medicines  
PATENT: WO 03025176-A 722 27-MAR-2003;  
Molecular Engines Laboratories (FR)  
LOCATION/Qualifiers  
1. .17  
/organism="Mus musculus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10090"

FEATURES  
JOURNAL  
source

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4887 CCTGTGCCCTCTC 4900  
DB 1 CCTGTGCCCTCTC 4900

DB 4 CCTGTGCCCTCTC 17

RESULT 1612  
AX725729 17 bp DNA linear PAT 08-MAY-2003  
LOCUS  
DEFINITION Sequence 3416 from Patent WO03025176.  
ACCESSION AX725729  
VERSION AX725729.1 GI:30505072  
KEYWORDS  
SOURCE Mus musculus (house mouse)  
ORGANISM Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour  
reversion, apoptosis and/or virus resistance and their use as  
medicines  
PATENT: WO 03025176-A 3416 27-MAR-2003;  
Molecular Engines Laboratories (FR)  
LOCATION/Qualifiers  
1. .17  
/organism="Mus musculus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10090"

FEATURES  
JOURNAL  
source

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 726 TCCATGAGTTCCT 739  
DB 3 TCCATGAGTTCCT 16

RESULT 1613  
AX759204 17 bp DNA linear PAT 25-JUN-2003  
LOCUS  
DEFINITION Sequence 2525 from Patent WO03040369.  
ACCESSION AX759204  
VERSION AX759204.1 GI:32253820  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in tumoral suppression, tumoral reversion,  
apoptosis and/or viral resistance phenomena and their use as  
medicines  
PATENT: WO 03040369-A 2525 15-MAY-2003;  
Molecular Engines Laboratories (FR)  
LOCATION/Qualifiers  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

FEATURES  
JOURNAL  
source

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 443 TCCGCTCCCTCCG 456  
DB 3 TCCGCTCCCTCCG 16

RESULT 1614  
BD104954/c 17 bp DNA linear PAT 27-AUG-2002  
LOCUS  
DEFINITION BD104954  
KIT and method for determining HLA type.

ACCESSION BD104954.1 GI:22650528  
VERSION BD104954.1  
KEYWORDS WO 0192572-A/1058.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and Nishida,M.  
TITLE Kit and method for determining HLA type  
JOURNAL Patent: WO 0192572-A 1058 06-DEC-2001;  
NISHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDEOTOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO NISHIDA  
COMMENT OS Artificial Sequence  
PN WO 0192572-A/1058  
PD 06-DEC-2001  
PF 01-JUN-2001 WO 2001JP004662  
PR 01-JUN-2000 JP 00P 164798  
PI HIDEOTOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, PI  
MATSUURA, PI SHOGO MORIYA, MICHIO NISHIDA  
PC C12Q1/68, C12M1/00, C12N15/09, G01N33/53  
CC Description of Artificial Sequence: capture  
FH Key Location/Qualifiers  
FT source 1..17  
FT /organism='Artificial Sequence',  
location/Qualifiers  
1..17  
/organism='synthetic construct'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:32630'  
Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1378 CGCAGCGGCGCTCC 1391  
DB 14 CGCAGCGGCGCTCC 1  
RESULT 1615  
BD168179 17 bp DNA linear PAT 17-JAN-2003  
LOCUS BD168179  
DEFINITION Method for examination for allergies.  
ACCESSION BD168179.1 GI:27873991  
VERSION WO 0233069-A/86.  
KEYWORDS WO 0233069-A/86.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and Saito,H.  
TITLE Method for examination for allergies  
JOURNAL Patent: WO 0233069-A 86 25-APR-2002;  
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL, TOMOYUKI FUKASAWA, CHUHEI NOJIRI, NOBUO MATSUHASHI, KOJI NISHIZAWA, YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO  
OS Artificial Sequence  
PN WO 0233069-A/86  
PD 25-APR-2002  
PF 28-SEP-2001 WO 2001JP008574  
PR 13-OCT-2000 JP 00P 314093  
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, PI TAKESHI NAGASU, PI HIROHISA SAITO  
PC C12N15/09, C12N15/63, C12Q1/68, C12Q1/02, G01N33/53, C12N5/10, PC A6K39/395,  
C07K14/47, C07K16/18//C12P21/02, C12P21/08  
CC Description of Artificial Sequence: an artificially synthesized

CC sequence primer  
FH Key Location/Qualifiers  
FT source 1..17  
FT /organism='Artificial Sequence',  
location/Qualifiers  
1..17  
/organism='synthetic construct'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:32630'  
Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 3695 CACCAAGCCGAGG 3708  
DB 3 CACCAAGCCGAGG 16  
RESULT 1616  
AR034657 18 bp DNA linear PAT 29-SEP-1999  
LOCUS AR034657  
DEFINITION Sequence 9 from patent US 5869618.  
ACCESSION AR034657  
VERSION AR034657.1 GI:5950262  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Lipman,M.B. and Lupu,R.  
TITLE Antibodies to ligand growth factors  
JOURNAL Patent: US 5869618-A 9 09-FEB-1999;  
FEATURES location/Qualifiers  
source 1..18  
/organism='unknown'  
/mol\_type='unassigned DNA'  
Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 552 AAGCGGAGGAGCT 565  
DB 5 AAGCGGAGGAGCT 18  
RESULT 1617  
AR095823 18 bp DNA linear PAT 08-SEP-2000  
LOCUS AR095823  
DEFINITION Sequence 44 from patent US 6004814.  
ACCESSION AR095823  
VERSION AR095823.1 GI:10024056  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Bennett,C.Frank, and Cowart,L.M.  
TITLE Antisense modulation of CD71 expression  
JOURNAL Patent: US 6004814-A 44 21-DEC-1999;  
FEATURES location/Qualifiers  
source 1..18  
/organism='unknown'  
/mol\_type='unassigned DNA'  
Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 3966 CTCGAGCATCTCAA 3979

DB 3 CTCGACGACTCCAA 16  
RESULT 1618  
AR117278  
LOCUS AR117278 18 bp DNA  
DEFINITION Sequence 36 from patent US 6140084.  
ACCESSION AR117278  
VERSION AR117278.1 GI:14098184  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unidentified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Deisher,T.A. and Sheppard,P.O.  
TITLE Human thyroid protein zsig45  
JOURNAL Patent: US 6140084-A 36 31-OCT-2000;  
FEATURES  
Source 1. .18  
/mol\_type="unassigned DNA"  
/organism="unassigned DNA"  
Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2997 CAGCTGCCCATCTA 3010  
DB 3 CAGCTGCCCATCTA 16  
RESULT 1619  
AR138012  
LOCUS AR138012 18 bp DNA  
DEFINITION Sequence 22 from patent US 6197584.  
ACCESSION AR138012  
VERSION AR138012.1 GI:14479521  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unidentified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Bennett,C.Frank. and Cowser,L.M.  
TITLE Antisense modulation of CD40 expression  
JOURNAL Patent: US 6197584-A 22 06-MAR-2001;  
FEATURES  
Source 1. .18  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4230 CACAGAGTTCACGTG 4243  
DB 14 CACAGAGTTCACGTG 1  
RESULT 1620  
BD226563  
LOCUS BD226563 18 bp DNA  
DEFINITION Antisense modulation of CD40 expression.  
ACCESSION BD226563  
VERSION BD226563.1 GI:33036333  
KEYWORDS JP 2002513593-A/22.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Bennett,C.F. and Cowser,L.M.  
TITLE Antisense modulation of CD40 expression

JOURNAL Patent: JP 2002513593-A 22 14-MAY-2002;  
COMMENT ISIS PHARMACEUTICALS INC  
OS Unidentified  
PN JP 2002513593-A/22  
PD 14-MAY-2002  
PF 22-APR-1999 JP 2000547271  
PR 01-MAY-1998 US 09/071433  
PI C FRANK BENNETT, LEX M COWSER  
PC C12N15/09,A61K9/10,A61K45/00,A61K48/00,A61P1/00,A61P11/06, PC  
A61P17/06,  
PC A61P29/00,A61P35/00,A61P37/02,A61P37/06,A61P43/00,C12P19/34,  
PC C12Q1/68,  
PC C12N15/00  
CC Strandedness: Single;  
CC Topology: Linear;  
CC Antisense modulation of CD40 expression  
FH Key Location/Qualifiers  
FT Source 1. .18  
/organism='unidentified'.  
FEATURES  
Source 1. .18  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"  
Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4230 CACAGAGTTCACGTG 4243  
DB 14 CACAGAGTTCACGTG 1  
RESULT 1621  
BD250468  
LOCUS BD250468 18 bp DNA  
DEFINITION Identification of genetic targets for modulation by oligonucleotides and generation of oligonucleotides for gene modulation.  
ACCESSION BD250468  
VERSION BD250468.1 GI:33060238  
KEYWORDS JP 2002511276-A/22.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Cowser,L.M., Baker,B.F., Mcneil,J., Freier,S.M., Sasnor,H.M., Brooks,D.G., Ohasi,C., Wyatt,J.R., Borchers,A.H. and Vlkars,T.A.  
TITLE Identification of genetic targets for modulation by oligonucleotides and generation of oligonucleotides for gene modulation  
JOURNAL Patent: JP 2002511276-A 22 16-APR-2002;  
COMMENT ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2002511276-A/22  
PD 16-APR-2002  
PF 13-APR-1999 JP 2000543647  
PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 PI  
LEX M COWSER, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI PI  
M SASNOR,  
PI DOUGLAS G BROOKS, CARA OHASI, JACQUELINE R WYATT, ALEXANDER H PI  
BORCHERS,  
PI TIMOTHY A VIKKARS  
PC C12N15/09,C07B61/00,C07B61/00,C12Q1/68,G06F17/30,G06F17/50, PC  
C12N15/00  
CC Antisense Oligonucleotide  
FH Key Location/Qualifiers  
FT Source 1. .18  
/organism="Artificial Sequence".  
FEATURES  
Source 1. .18  
/organism="synthetic construct"



/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4230 CACAGAGTCACTG 4243  
DB 14 CACAGAGTCACTG 1

RESULT 1622  
LOCUS 129962 18 bp DNA linear PAT 06-FEB-1997  
DEFINITION Sequence 9 from patent US 5578482.  
VERSION 129962 GI:1820753  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Lipman,M.E. and Lupu,R.  
TITLE Ligand growth factors that bind to the erbB-2 receptor protein and induce cellular responses  
JOURNAL Patent: US 5578482-A 9 26-NOV-1996;  
FEATURES Location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 552 AAGCGGAGAGCT 565  
DB 5 AAGCGGAGAGCT 18

RESULT 1623  
LOCUS AR257433 18 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 36 from patent US 6486304.  
VERSION AR257433  
KEYWORDS AR257433.1 GI:27307434  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Deisher,T.A. and Sheppard,P.O.  
TITLE Antibodies and methods of making antibodies to human thyroid protein zsig45  
JOURNAL Patent: US 6486304-A 36 26-NOV-2002;  
FEATURES Location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2997 CAGCTGCCCATCTA 3010  
DB 3 CAGCTGCCCATCTA 16

RESULT 1624  
LOCUS AR269378 18 bp DNA linear PAT 10-APR-2003

DEFINITION Sequence 36 from patent US 6500925.  
ACCESSION AR269378  
VERSION AR269378.1 GI:29700526  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Deisher,T.A. and Sheppard,P.O.  
TITLE Human thyroid protein ZSIG45  
JOURNAL Patent: US 6500925-A 36 31-DEC-2002;  
FEATURES Location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2997 CAGCTGCCCATCTA 3010  
DB 3 CAGCTGCCCATCTA 16

RESULT 1625  
LOCUS AR293843 18 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 5578 from patent US 6537751.  
VERSION AR293843  
KEYWORDS AR293843.1 GI:31681127  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 5578 25-MAR-2003;  
FEATURES Location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4787 CAGTCTTTGGTTG 4800  
DB 15 CAGTCTTTGGTTG 2

RESULT 1626  
LOCUS AX101065/c 18 bp DNA linear PAT 10-APR-2001  
DEFINITION Sequence 39 from Patent WO0121822.  
VERSION AX101065  
KEYWORDS AX101065.1 GI:13619921  
SOURCE Synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Dean,C. and Levy,Y.Y.  
TITLE Methods and means for modification of plant flowering characteristics  
JOURNAL Patent: WO 0121822-A 39 29-MAR-2001;  
FEATURES Location/Qualifiers  
1..18  
/organism="synthetic construct"

/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTTCT 283  
16 CTCTCTCTCTTCT 3

## RESULT 1627

AX101067 18 bp DNA linear PAT 10-APR-2001  
LOCUS AX101067  
DEFINITION Sequence 41 from Patent WO0121822.  
ACCESSION AX101067  
VERSION AX101067.1 GI:13619923  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Dean, C. and Levy, Y. Y.  
TITLE Methods and means for modification of plant flowering  
characteristics  
JOURNAL Patent: WO 0121822-A 41 29-MAR-2001;  
FEATURES Plant Bioscience Limited (GB)  
source Location/Qualifiers  
1. .18  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTTCT 283  
1 CTCTCTCTCTTCT 14

## RESULT 1628

AX587513 18 bp DNA linear PAT 10-JAN-2003  
LOCUS AX587513  
DEFINITION Sequence 23 from Patent WO0236751.  
ACCESSION AX587513  
VERSION AX587513.1 GI:27656329  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Wernat, P.  
TITLE Human cord blood derived unrestricted somatic stem cells (ussc)  
JOURNAL Patent: WO 0236751-A 23 10-MAY-2002;  
FEATURES Kourion Therapeutics GmbH (DE)  
source Location/Qualifiers  
1. .18  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="5 primer for the CD105 gene"

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 152 CTGCGACTGACAC 165  
|||||

Db 2 CTGCGACTGACAC 15

## RESULT 1629

AX796173 18 bp DNA linear PAT 04-OCT-2003  
LOCUS AX796173/c  
DEFINITION Sequence 516 from Patent WO03052135.  
ACCESSION AX796173  
VERSION AX796173.1 GI:37516839  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Burger, M., Field, J. K., Genc, B., Liligoiu, T., Lipacher, E., Mater, S.  
and Nimrich, I.  
TITLE Method and nucleic acids for the analysis of a lung cell  
proliferative disorder  
JOURNAL Patent: WO 03052135-A 516 26-JUN-2003;  
FEATURES Epigenomics AG (DE)  
source Location/Qualifiers  
1. .18  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Detection oligonucleotide for ARHI"

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3988 ACTACCGCAGACAC 4001  
17 ACTACCGCAGACAC 4

## RESULT 1630

BD087167 18 bp DNA linear PAT 27-AUG-2002  
LOCUS BD087167  
DEFINITION Human thyroid protein ZSIG45 and DNA encoding the same.  
ACCESSION BD087167  
VERSION BD087167.1 GI:22632777  
KEYWORDS JP 2001525172-A/27.  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 18)  
AUTHORS Sheppard, P. O. and Deisher, T. A.  
TITLE Human thyroid protein ZSIG45 and DNA encoding the same  
JOURNAL Patent: JP 2001525172-A 27 11-DEC-2001;  
COMMENT ZYMOGENETICS INC

## OS Artificial Sequence

PN JP 2001525172-A/27  
PD 11-DEC-2001  
PR 01-DEC-1998 JP 2000523343  
PR 03-DEC-1997 US 08/984638  
PI PAUL O SHEPPARD, THERESA A DEISHER  
PC C12N15/09, C07K14/47, C07K16/18, C07K19/00, C12N1/15, C12N1/19, PC  
C12N1/21,  
PC C12N5/10, C12P21/02, C12P21/08, G01N33/15, G01N33/50, C12N15/00, PC  
C12N5/00  
CC Oligonucleotide primer ZC15763  
FH Key Location/Qualifiers  
FT source 1. .18  
FT Location/Qualifiers  
1. .18  
/organism="Artificial Sequence".

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 152 CTGCGACTGACAC 165  
|||||

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 2397 CAGCTGCCCATCTA 3010  
Db 3 CAGCTGCCCATCTA 16

## RESULT 1631

AX107471 19 bp DNA linear PAT 30-APR-2001  
LOCUS Sequence 290 from Patent WO0123606.  
DEFINITION AX107471  
ACCESSION AX107471  
VERSION AX107471.1 GI:13922956  
KEYWORDS  
SOURCE  
ORGANISM  
Acidithiobacillus ferrooxidans  
Acidithiobacillus ferrooxidans  
Bacteria; Proteobacteria; Gammaproteobacteria; Acidithiobacillales;  
Acidithiobacillaceae; Acidithiobacillus.

## REFERENCE

1 Grabowski, R. and Berghof, K.  
Nucleic acid molecules for detecting bacteria and phylogenetic  
units of bacteria  
Patent: WO 0123606-A 290 05-APR-2001;  
JOURNAL Biotecon Diagnostics GmbH (DE)  
FEATURES  
source Location/Qualifiers  
1..19  
/organism="Acidithiobacillus ferrooxidans"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:920"

Query Match 0.3%; Score 14; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 618 ATCTCCCGGCATTA 631  
Db 6 ATCTCCCGGCATTA 19

## RESULT 1632

AX132377 19 bp DNA linear PAT 15-MAY-2001  
LOCUS Sequence 3595 from Patent WO0130362.  
DEFINITION AX132377  
ACCESSION AX132377  
VERSION AX132377.1 GI:14138682  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 Robbins, J.M. and Tritz, R.  
AUTHORS Ribozyme therapy for the treatment of proliferative skin and eye  
TITLE diseases  
JOURNAL Patent: WO 0130362-A 3595 03-MAY-2001;  
IMMUSOL, INC. (US)  
FEATURES  
source Location/Qualifiers  
1..19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Cdc25 hs ribozyme binding site"

Query Match 0.3%; Score 14; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2135 GACTTCAGGAAGTG 2148  
Db 6 GACTTCAGGAAGTG 19

## RESULT 1633

AX132378 19 bp DNA linear PAT 15-MAY-2001  
LOCUS Sequence 3596 from Patent WO0130362.  
DEFINITION AX132378  
ACCESSION AX132378  
VERSION AX132378.1 GI:14138683  
KEYWORDS  
SOURCE  
ORGANISM Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 Robbins, J.M. and Tritz, R.  
AUTHORS Ribozyme therapy for the treatment of proliferative skin and eye  
TITLE diseases  
JOURNAL Patent: WO 0130362-A 3596 03-MAY-2001;  
IMMUSOL, INC. (US)  
FEATURES  
source Location/Qualifiers  
1..19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Cdc25 hs ribozyme binding site"

Query Match 0.3%; Score 14; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.1e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2135 GACTTCAGGAAGTG 2148  
Db 5 GACTTCAGGAAGTG 18

RESULT 1634  
AX938772/c 20 bp DNA linear PAT 07-JAN-2004  
LOCUS Sequence 217 from Patent EP1365034.  
DEFINITION AX938772  
ACCESSION AX938772  
VERSION AX938772.1 GI:40733152  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.

REFERENCE 1 Wirtz, R., Munne, M. and Kallabis, H.  
AUTHORS Methods and compositions for the prediction, diagnosis, prognosis,  
TITLE prevention and treatment of malignant neoplasia  
JOURNAL Patent: EP 1365034-A 217 26-NOV-2003;  
Bayer Healthcare AG (DE)  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="LOC51242 for"

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 825 GAAGAGACACAGG 838  
Db 20 GAAGAGACACAGG 7

RESULT 1635  
AR116455 20 bp DNA linear PAT 16-MAY-2001  
LOCUS Sequence 36 from patent US 6133246.  
DEFINITION AR116455  
ACCESSION AR116455  
VERSION AR116455.1 GI:14096777  
KEYWORDS  
SOURCE  
ORGANISM Unknown.

Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS McKay, R., Dean, N., Montia, B.P., Nero, P.S. and Gaarde, W.A.  
TITLE Antisense oligonucleotide compositions and methods for the  
modulation of JNK proteins  
JOURNAL Patent: US 6133246-A 36 17-OCT-2000;  
FEATURES Location/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1880 TGAGAGGAGTGGC 1893  
|||||  
Db 1 TGAGAGGAGTGGC 14

RESULT 1636  
AR122519 20 bp DNA linear PAT 16-MAY-2001  
LOCUS AR122519  
DEFINITION Sequence 73 from patent US 6165728.  
ACCESSION AR122519  
VERSION AR122519.1 GI:14106836  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Ward, D.T. and Cowser, L.M.  
TITLE Antisense modulation of NCK-2 expression  
JOURNAL Patent: US 6165728-A 73 26-DEC-2000;  
FEATURES Location/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4352 CTCGTTGAGGCGC 4365  
|||||  
Db 6 CTCGTTGAGGCGC 19

RESULT 1637  
AR124455 20 bp DNA linear PAT 16-MAY-2001  
LOCUS AR124455  
DEFINITION Sequence 24 from patent US 6171860.  
ACCESSION AR124455  
VERSION AR124455.1 GI:14109816  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker, B.F. and Cowser, L.M.  
TITLE Antisense inhibition of rank expression  
JOURNAL Patent: US 6171860-A 24 09-JAN-2001;  
FEATURES Location/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4042 GGCACGAGGCGCT 4055  
|||||

Db 3 GGCACGAGGCGCT 16

RESULT 1638  
AR168622/c 20 bp DNA linear PAT 17-DEC-2001  
LOCUS AR168622  
DEFINITION Sequence 85 from patent US 6287860.  
ACCESSION AR168622  
VERSION AR168622.1 GI:17904636  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Montia, B.P., Gaarde, W., Ward, D.T., Freier, S.M. and Wyatt, J.  
TITLE Antisense inhibition of MEK2 expression  
JOURNAL Patent: US 6287860-A 85 11-SEP-2001;  
FEATURES Location/Qualifiers  
SOURCE 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4426 TTAATAATATATAT 4439  
|||||  
Db 16 TTAATAATATATAT 3

RESULT 1639  
CQ789684 20 bp DNA linear PAT 29-MAR-2004  
LOCUS CQ789684  
DEFINITION Sequence 47 from Patent WO2004022594.  
ACCESSION CQ789684  
VERSION CQ789684.1 GI:45823245  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Vogt, L. and Bachmann, M.  
TITLE Immune modulatory compounds and methods  
JOURNAL Patent: WO 2004022594-A 47 18-MAR-2004;  
FEATURES Cytos Biotechnology AG (CH)  
Location/Qualifiers  
SOURCE 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4269 GAGGCTGAGAGAA 4282  
|||||  
Db 3 GAGGCTGAGAGAA 16

RESULT 1640  
I31781 20 bp DNA linear PAT 06-FEB-1997  
LOCUS I31781  
DEFINITION Sequence 5 from patent US 5583023.  
ACCESSION I31781  
VERSION I31781.1 GI:1822572  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cerniti, M., Croizier, G., Croizier, L. and Devauchelle, G.

## TITLE Modified baculovirus, its preparation process and its application

JOURNAL as a gene expression vector

Patent: US 5583023-A 5 10-DEC-1996;

## FEATURES

Location/Qualifiers

SOURCE

1. 20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+03;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy

4142 TCTCCCGGACCTC 4155

Db

3 TCTCCCGGACCTC 16

## RESULT 1641

AR224566

LOCUS

DEFINITION Sequence 25 from patent US 6440738. 20 bp DNA linear PAT 26-SEP-2002

AR224566

ACCESSION

AR224566.1 GI:23333406

KEYWORDS

SOURCE

ORGANISM

Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS

WYATT, J.

TITLE Antisense modulation of casein kinase 2-beta expression

JOURNAL Patent: US 6440738-A 25 27-AUG-2002;

FEATURES Location/Qualifiers

1. 20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+03;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy

2295 ACCTGGAGCAGA 2308

Db

7 ACCTGGAGCAGA 20

## RESULT 1642

AR299466/c

LOCUS

DEFINITION Sequence 11201 from patent US 6537751. 20 bp DNA linear PAT 12-JUN-2003

AR299466

ACCESSION

AR299466.1 GI:31686750

KEYWORDS

SOURCE

ORGANISM

Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.

TITLE Biallelic markers for use in constructing a high density

JOURNAL Patent: US 6537751-A 11201 25-MAR-2003;

FEATURES Location/Qualifiers

1. 20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+03;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy

4562 CACCAAGTTAAAC 4575

Db

20 CACCAAGTTAAAC 7

## RESULT 1643

AR307966

LOCUS

DEFINITION Sequence 177 from patent US 6551826. 20 bp DNA linear PAT 12-JUN-2003

AR307966

ACCESSION

AR307966.1 GI:31698722

KEYWORDS

SOURCE

ORGANISM

Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS

Watt, A.T.

TITLE Antisense modulation of raiid expression

JOURNAL Patent: US 6551826-A 177 22-APR-2003;

FEATURES Location/Qualifiers

1. 20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+03;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy

4209 GGGCTAGCTTCTG 4222

Db

7 GGGCTAGCTTCTG 20

## RESULT 1644

AR316009/c

LOCUS

DEFINITION Sequence 6546 from patent US 6559294. 20 bp DNA linear PAT 12-JUN-2003

AR316009

ACCESSION

AR316009.1 GI:31709435

KEYWORDS

SOURCE

ORGANISM

Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS

Griffiths, R., Hoiseh, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,

Sankaran, B. and Fletcher, L.D.

TITLE Chlamydia pneumoniae polynucleotides and uses thereof

JOURNAL Patent: US 6559294-A 6546 06-MAY-2003;

FEATURES Location/Qualifiers

1. 20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+03;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy

1671 CTGCAGCAGTGA 1684

Db

16 CTGCAGCAGTGA 3

## RESULT 1645

AR316206/c

LOCUS

DEFINITION Sequence 6743 from patent US 6559294. 20 bp DNA linear PAT 12-JUN-2003

AR316206

ACCESSION

AR316206.1 GI:31709632

KEYWORDS

SOURCE

ORGANISM

Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS

Griffiths, R., Hoiseh, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,

Sankaran, B. and Fletcher, L.D.

TITLE Chlamydia pneumoniae polynucleotides and uses thereof

JOURNAL Patent: US 6559294-A 6743 06-MAY-2003;

FEATURES  
source  
Location/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 562 AGCTGCTTCCAGG 575  
Db 14 AGCTGCTTCCAGG 1

RESULT 1646  
LOCUS AR492362/c 20 bp DNA linear PAT 15-MAY-2004  
DEFINITION Sequence 61 from patent US 6716627.  
ACCESSION AR492362  
VERSION AR492362.1 GI:47260936  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Dobie,K.W.  
TITLE Antisense modulation of mucin 1, transmembrane expression  
JOURNAL Patent: US 6716627-A 61 06-APR-2004;  
FEATURES  
source  
Location/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 384 TGGTGCAGCAGCC 397  
Db 15 TGGTGCAGCAGCC 2

RESULT 1647  
LOCUS AX295122 20 bp DNA linear PAT 21-NOV-2001  
DEFINITION Sequence 6884 from Patent WO0179548.  
ACCESSION AX295122  
VERSION AX295122.1 GI:17056805  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Barany,F., Zirvi,M., Gerry,N.P., Favis,R. and Kilman,R.  
TITLE Method of designing addressable array for detection of nucleic acid  
JOURNAL sequence differences using ligase detection reaction  
CORNELL RESEARCH FOUNDATION, INC. (US)  
FEATURES  
source  
Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1825 CGGACTACATCCCC 1838  
Db 4 CGGACTACATCCCC 17

RESULT 1648  
LOCUS AX295630/c 20 bp DNA linear PAT 21-NOV-2001  
DEFINITION Sequence 7392 from Patent WO0179548.  
ACCESSION AX295630  
VERSION AX295630.1 GI:17057319  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Barany,F., Zirvi,M., Gerry,N.P., Favis,R. and Kilman,R.  
TITLE Method of designing addressable array for detection of nucleic acid  
JOURNAL sequence differences using ligase detection reaction  
CORNELL RESEARCH FOUNDATION, INC. (US)  
FEATURES  
source  
Location/Qualifiers  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4973 GTCTTGCTGCTTGC 4986  
Db 18 GTCTTGCTGCTTGC 5

RESULT 1649  
LOCUS AX613551/c 20 bp DNA linear PAT 17-FEB-2003  
DEFINITION Sequence 4576 from Patent WO02072882.  
ACCESSION AX613551  
VERSION AX613551.1 GI:28408980  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Cullen,P. and Seedorf,U.  
TITLE Coronary chip  
JOURNAL Patent: WO 02072882-A 4576 19-SEP-2002;  
OGHAM GmbH (DE)  
FEATURES  
source  
Location/Qualifiers  
1. .20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2146 GTGAAAAGAACTC 2159  
Db 16 GTGAAAAGAACTC 3

RESULT 1650  
LOCUS AX814357/c 20 bp DNA linear PAT 05-DEC-2003  
DEFINITION Sequence 16 from Patent WO03064470.  
ACCESSION AX814357  
VERSION AX814357.1 GI:39103580  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct

REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
Bayer Aktiengesellschaft (DE)  
Patent: WO 03064470-A 16 07-AUG-2003;  
Location/Qualifiers

FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer2"

Query Match  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1714 ACATGATCACCATC 1727  
19 ACATGATCACCATC 6

RESULT 1651  
BD074612  
LOCUS  
DEFINITION  
Antisense oligonucleotide composition and modulation method of JNK protein.  
ACCESSION  
BD074612.1 GI:22620215  
KEYWORDS  
JP 2001514905-A/36.  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
1 (bases 1 to 20)  
McKay, R., Dean, N., Monia, B. P., Scott, P., Nero and Gaarde, W. A.  
AUTHORS  
TITLE  
Antisense oligonucleotide composition and modulation method of JNK protein  
JOURNAL  
Patent: JP 2001514905-A 36 18-SEP-2001;  
ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2001514905-A/36  
PD 18-SEP-2001  
PF 07-AUG-1998 JP 2000509875  
PR 13-AUG-1997 US 08/910629  
PI ROBERT MCKAY, NICHOLAS DEAN, BRETT P MONIA, PAMELA SCOTT PI  
NEO, WILLIAM A GAARDE  
PC C12Q1/68, A61K31/7088, A61K48/00, A61P35/00, C12N15/09, C12P19/34,  
CC antisense sequence  
FH Key  
FT source  
Location/Qualifiers  
1. .20  
/organism="Artificial Sequence".

FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1880 TGAGAAGAGTGGC 1893  
1 TGAGAAGAGTGGC 14

RESULT 1652  
ARI38744/c  
LOCUS  
DEFINITION  
Sequence 42 from patent US 6200754.  
ACCESSION  
ARI38744  
VERSION  
ARI38744.1 GI:14481089

21 bp DNA linear PAT 16-JUN-2001

KEYWORDS  
SOURCE  
ORGANISM  
Unknown.  
Unknown.  
Unclassified.  
REFERENCE  
1 (bases 1 to 21)  
AUTHORS  
TITLE  
JOURNAL  
Baker, D. E., Ledley, F. D. and Stanton, V. P. Jr.  
Patent: US 6200754-A 42 13-MAR-2001;  
mediate cell response to environmental changes  
Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match  
Best Local Similarity 87.5%; Pred. No. 1.2e+03;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 3720 GCGGAGGCGCCGCA 3735  
17 GCGGAGGCGCCGCA 2

RESULT 1653  
AR298947/c  
LOCUS  
DEFINITION  
Sequence 10682 from patent US 6537751.  
ACCESSION  
AR298947  
VERSION  
AR298947.1 GI:31686231  
KEYWORDS  
SOURCE  
ORGANISM  
Unknown.  
REFERENCE  
1 (bases 1 to 21)  
AUTHORS  
TITLE  
JOURNAL  
Patent: US 6537751-A 10682 25-MAR-2003;  
Location/Qualifiers  
1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2374 CAGAGAGAGGAG 2387  
21 CAGAGAGAGGAG 8

RESULT 1654  
AX096713  
LOCUS  
DEFINITION  
Sequence 1891 from Patent WO0118250.  
ACCESSION  
AX096713  
VERSION  
AX096713.1 GI:13512967  
KEYWORDS  
SOURCE  
ORGANISM  
Homo sapiens (human)  
Homo sapiens  
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
Lander, E. S., Gargill, M., Ireland, J. S., Bolik, S., Daley, G. Q. and  
McCarthy, J. J.  
TITLE  
Single nucleotide polymorphisms in genes  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
Location/Qualifiers  
1. .21  
/organism="Homo sapiens"

21 bp DNA linear PAT 30-MAR-2001

/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 21;  
Best Local Similarity 87.5%; Pred. No. 1.2e+03;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 5229 ATGATGAGCTCTGCG 5244  
|||||  
5 ATGATGATGCTCTGCG 20  
|||||

RESULT 1655  
AX096963/c 21 bp DNA linear PAT 30-MAR-2001  
LOCUS Sequence 2141 from Patent WO0118250.  
DEFINITION AX096963  
ACCESSION AX096963  
VERSION AX096963.1 GI:13513231  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and  
McCarthy, J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 2141 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 21;  
Best Local Similarity 87.5%; Pred. No. 1.2e+03;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 4201 TCAGGAAGGCGCTAG 4216  
|||||  
16 TCAGGAAAGGCGCCAG 1  
|||||

RESULT 1656  
AX097202 21 bp DNA linear PAT 30-MAR-2001  
LOCUS Sequence 2380 from Patent WO0118250.  
DEFINITION AX097202  
ACCESSION AX097202  
VERSION AX097202.1 GI:13513556  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and  
McCarthy, J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 2380 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 21;  
Best Local Similarity 87.5%; Pred. No. 1.2e+03;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 4079 AACCCCTCAGTGAAGCT 4094  
|||||  
Db 4 AACCCCTYAGTGAGAT 19  
|||||

RESULT 1657  
AX154483 21 bp DNA linear PAT 22-JUN-2001  
LOCUS Sequence 581 from Patent WO0138576.  
DEFINITION AX154483  
ACCESSION AX154483  
VERSION AX154483.1 GI:14536097  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Gargill, M., Ireland, J.S. and Lander, E.S.  
TITLE Human single nucleotide polymorphisms  
JOURNAL Patent: WO 0138576-A 581 31-MAY-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 21;  
Best Local Similarity 87.5%; Pred. No. 1.2e+03;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2550 CCCCTGTGACGCTGG 2565  
|||||  
Db 6 CCCCTGTGACGCTGG 21  
|||||

RESULT 1658  
AX466981 21 bp DNA linear PAT 16-JUL-2002  
LOCUS Sequence 10 from Patent WO0224950.  
DEFINITION AX466981  
ACCESSION AX466981  
VERSION AX466981.1 GI:21900322  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Liang, Z., Zhang, H.Y. and Wahlstedt, C.  
TITLE Methods and means of rna analysis  
JOURNAL Patent: WO 0224950-A 10 28-MAR-2002;  
Neuromics Inc. (US)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetically generated oligonucleotide"

Query Match 0.3%; Score 14; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4644 CCTTAAGAGCTGA 4657  
|||||  
Db 17 CCTTAAGAGCTGA 4  
|||||

RESULT 1659  
AX773444 21 bp DNA linear PAT 09-JUL-2003  
LOCUS Sequence 9 from Patent WO0304599.  
DEFINITION AX773444  
ACCESSION AX773444  
VERSION AX773444.1 GI:32485258



KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
unclassified.

REFERENCE  
1 Bonner, T. P. and de Camargo, L. M.  
AUTHORS Human vanilloid receptor protein and polynucleotide sequence  
TITLE encoding same  
JOURNAL Patent: WO 0304599-A, 9 05-JUN-2003;  
MERCK SHARP & DOHME LTD. (GB)

FEATURES  
source  
1. .21  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"  
/note="Oligonucleotide primer"

Query Match 0.3%; Score 14; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2909 GCACATCTCATCA 2922  
|||||  
3 GCACATCTCATCA 16

Db .

RESULT 1660  
BD094599/c  
LOCUS BD094599 22 bp DNA linear PAT 27-AUG-2002  
DEFINITION Substrate for immobilizing ligand.  
ACCESSION BD094599  
VERSION BD094599.1 GI:22640187  
KEYWORDS WO 0135098-A/37.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Kato, I., Izu, H. and Asada, K.  
TITLE Substrate for immobilizing ligand  
JOURNAL Patent: WO 0135098-A 37 17-MAY-2001;  
TAKARA SHUZO CO LTD, IKUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA  
OS Artificial Sequence  
PN WO 0135098-A/37  
PD 17-MAY-2001  
PF 24-OCT-2000 WO 2000JP007415  
PR 05-NOV-1999 JP 99P 315610  
PI IKUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA  
PC GO1N33/543, GO1N33/521, GO1N33/53, GO1N33/566, GO1N37/00 CC  
Designed oligonucleotide primer for amplifying a portion of CC  
Bcl-X gene.

FEATURES  
source  
FH Key Location/Qualifiers  
FT source 1. .22  
/organism="Artificial Sequence".  
1. .22  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14; DB 1; Length 22;  
Best Local Similarity 77.3%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3385 AAAGTCTCGACACCTCCCG 3406  
|||||  
22 AAAGTCACACACGCTCCCG 1

Db

RESULT 1661  
BD002941/c  
LOCUS BD002941 31 bp DNA linear PAT 31-JAN-2002  
DEFINITION Gene composition and method.  
ACCESSION BD002941

VERSION BD002941.1 GI:18630902  
KEYWORDS JP 2000245487-A/607.  
SOURCE unidentified  
ORGANISM unidentified  
unclassified.

REFERENCE  
1 (bases 1 to 31)  
AUTHORS Sha, N., Walinton, J. and Patel, N.  
TITLE Gene composition and method  
JOURNAL Patent: JP 2000245487-A 607 12-SEP-2000;  
AFIMETRICS INC

COMMENT  
OS Unknown  
PN JP 2000245487-A/607  
PD 12-SEP-2000  
PR 27-JAN-2000 JP 2000019392  
PI 27-JAN-1999 US 09/238,402  
PI NIRA SHA, JANET WALINTON, NIRA PATEL  
PC C12N15/09, C12O1/68, C12N15/00  
CC  
FH Key Location/Qualifiers  
FT source 1. .31  
/organism="Unknown".  
1. .31  
Location/Qualifiers  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

FEATURES  
source  
1. .31  
Location/Qualifiers  
/organism="Unknown".  
1. .31  
Location/Qualifiers  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 14; DB 1; Length 31;  
Best Local Similarity 70.8%; Pred. No. 1.8e+03;  
Matches 17; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 3438 CCTCAACAGCAACCGGCTTC 3461  
|||||  
24 CCTCAACAGCAACCGGCTTC 1

Db

RESULT 1662  
AX002034  
LOCUS AX002034 32 bp DNA linear PAT 10-MAR-2000  
DEFINITION Sequence 36 from Patent EP0887426.  
ACCESSION AX002034  
VERSION AX002034.1 GI:7241810  
KEYWORDS  
SOURCE mitochondrion Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.  
REFERENCE 1 (bases 1 to 32)  
AUTHORS Burke, T. and Griffiths, R. A.  
TITLE Improvement in and relating to forensic identification  
JOURNAL Patent: EP 0887426-A 36 30-DEC-1998;  
SEC DEP FOR THE HOME DEPARTMENT (GB)

FEATURES  
source  
1. .32  
Location/Qualifiers  
/organism="Homo sapiens"  
/organella="mitochondrion"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 32;  
Best Local Similarity 66.7%; Pred. No. 1.8e+03;  
Matches 20; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2794 AGAGTCAGAGAGAAATGAAGAGAA 2823  
|||||  
3 AAAGAAAGAGAGAAAGAGAAAGAA 32

Db

RESULT 1663  
A97817/c  
LOCUS A97817 17 bp DNA linear PAT 26-JAN-2000  
DEFINITION Sequence 94 from Patent WO9914377.  
ACCESSION A97817

```

VERSION      A97817.1  GI:6781055
KEYWORDS
SOURCE       unidentified
ORGANISM     unidentified
REFERENCE    1 (bases 1 to 17)
AUTHORS      Quint, W. and Kletter, B.
TITLE        DETECTION AND IDENTIFICATION OF HUMAN PAPILLOMAVIRUS BY PCR AND
              TYPE-SPECIFIC REVERSE HYBRIDIZATION
JOURNAL      Patent: WO 9914377-A 94 25-MAR-1999;
              INNOGENETICS NV (BE); DELFTS DIAGNOSTIC LAB B V (NL)
FEATURES
SOURCE       1. .17
              /organism="unidentified"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32644"

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      998 ATTGTTCCAGCGACTGC 1014
Db      17 ATTGTTCCAGCAATGC 1

RESULT 1664
LOCUS      AR023727      17 bp      DNA      linear      PAT 05-DEC-1998
DEFINITION Sequence 9 from patent US 5795726.
ACCESSION  AR023727
VERSION     AR023727.1  GI:3977021
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Gluckemann, M. Alexandra.
TITLE        Methods for identifying compounds useful in treating type II
              diabetes
JOURNAL      Patent: US 5795726-A 9 18-AUG-1998;
              Location/Qualifiers
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SOURCE      1. .17
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Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      580 GCAAGACGGGAGCTTC 596
Db      17 GCAAGACGGGATCTGC 1

RESULT 1665
LOCUS      AR023745      17 bp      DNA      linear      PAT 05-DEC-1998
DEFINITION Sequence 27 from patent US 5795726.
ACCESSION  AR023745
VERSION     AR023745.1  GI:3977039
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Gluckemann, M. Alexandra.
TITLE        Methods for identifying compounds useful in treating type II
              diabetes
JOURNAL      Patent: US 5795726-A 27 18-AUG-1998;
              Location/Qualifiers
FEATURES
SOURCE      1. .17
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Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      580 GCAAGACGGGAGCTTC 596
Db      17 GCAAGACGGGATCTGC 1

RESULT 1666
LOCUS      AR026443      17 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 17 from patent US 5856094.
ACCESSION  AR026443
VERSION     AR026443.1  GI:5937283
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Sidransky, D. and Baylín, S. B.
TITLE        Method of detection of neoplastic cells
JOURNAL      Patent: US 5856094-A 17 05-JAN-1999;
              Location/Qualifiers
FEATURES
SOURCE      1. .17
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Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3633 ATGCCGCGAGGAGACC 3649
Db      17 ATGCCGCGAGAGTCCC 1

RESULT 1667
LOCUS      AR036970      17 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 24 from patent US 5800998.
ACCESSION  AR036970
VERSION     AR036970.1  GI:5954826
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Gluckemann, M. Alexandra.
TITLE        Assays for diagnosing type II diabetes in a subject
JOURNAL      Patent: US 5800998-A 24 01-SEP-1998;
              Location/Qualifiers
FEATURES
SOURCE      1. .17
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Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      580 GCAAGACGGGAGCTTC 596
Db      17 GCAAGACGGGATCTGC 1

RESULT 1668
LOCUS      AR040229      17 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 1077 from patent US 5807743.
ACCESSION  AR040229
VERSION     AR040229.1  GI:5959592


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KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.  
TITLE Interleukin-2 receptor gamma-chain ribozymes  
JOURNAL Patent: US 5807743-A 1077 15-SEP-1998;  
FEATURES Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1490 TAAGAGTCCAGATG 1506  
Db 1 TAAGAACTCCATGATG 17  

RESULT 1669  
AR046644 17 bp DNA linear PAT 29-SEP-1999  
LOCUS AR046644  
DEFINITION Sequence 1437 from patent US 5817796.  
ACCESSION AR046644  
VERSION AR046644.1 GI:5968109  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.  
TITLE C-myb ribozymes having 2',5'-linked adenylyate residues  
JOURNAL Patent: US 5817796-A 1437 06-OCT-1998;  
FEATURES Location/Qualifiers  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2044 CAGGCATTCGAAACCA 2060  
Db 1 CAGGCATTACCAACACA 17  

RESULT 1670  
AR046678 17 bp DNA linear PAT 29-SEP-1999  
LOCUS AR046678  
DEFINITION Sequence 1471 from patent US 5817796.  
ACCESSION AR046678  
VERSION AR046678.1 GI:5968143  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.  
TITLE C-myb ribozymes having 2',5'-linked adenylyate residues  
JOURNAL Patent: US 5817796-A 1471 06-OCT-1998;  
FEATURES Location/Qualifiers  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3153 AAGAGCTCACCAGCCA 3169  
Db 1 AAGTCTCACCAGCCA 17  

RESULT 1671  
AR171894/c 17 bp DNA linear PAT 17-DEC-2001  
LOCUS AR171894/c  
DEFINITION Sequence 14 from patent US 6297367.  
ACCESSION AR171894  
VERSION AR171894.1 GI:17910844  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Tribouley,C.  
TITLE Polynucleotide encoding TNF1  
JOURNAL Patent: US 6297367-A 14 02-OCT-2001;  
FEATURES Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2498 GATGAACTCACTTGC 2514  
Db 17 GATGAACTCACTTGC 1  

RESULT 1672  
BD198640/c 17 bp RNA linear PAT 17-JUN-2003  
LOCUS BD198640/c  
DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.  
ACCESSION BD198640  
VERSION BD198640.1 GI:33008410  
KEYWORDS JP 2002509721-A/1666.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and McSwiggen,J.A.  
TITLE Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response  
JOURNAL Patent: JP 2002509721-A 1666 02-APR-2002;  
COMMENT RIBOZYME PHARMACEUTICALS INC  
OS Homo sapiens (human)  
PN JP 2002509721-A/1666  
PD 02-APR-2002  
PF 24-MAR-1999 JP 2000541291  
PR 27-MAR-1998 US 60/079678  
PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,  
PI JAMES A MCSWIGGEN  
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,PC  
A61P29/00,  
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,PC  
C12N5/00  
CC Method and reagent for treating diseases or conditions CC  
CC participating in vasculogenic response  
FH key Location/Qualifiers  
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/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 GCCACCAAGGACG 417  
17 GCCACCAAGGACG 1

Db 17

RESULT 1673  
BD200924 17 bp RNA linear PAT 17-JUL-2003  
LOCUS BD200924  
DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.  
ACCESSION BD200924.1 GI:33010694  
VERSION BD200924.1  
KEYWORDS JP 2002509721-A/3950.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.  
TITLE Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response  
JOURNAL Patent: JP 2002509721-A 3950 02-APR-2002;  
RIBOZYME PHARMACEUTICALS INC  
COMMENT OS Homo sapiens (human)  
PN JP 2002509721-A/3950  
PD 02-APR-2002  
PF 24-MAR-1999 JP 2000541291  
PR 27-MAR-1998 US 60/079678  
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,  
PI JAMES A MCSWIGGEN  
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC  
A61P29/00,  
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC  
C12N5/00  
CC Method and reagent for treating diseases or conditions CC  
concerning molecule  
CC participating in vasculogenic response  
FH Key Location/Qualifiers  
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LOCATION/Qualifiers  
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/db\_xref="taxon:9606"

QY 3617 CCAGGAATCCCAAAA 3633  
1 CAGGAATCCCAAAA 17

Db 1

RESULT 1674  
BD201138 17 bp RNA linear PAT 17-JUL-2003  
LOCUS BD201138  
DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.  
ACCESSION BD201138  
VERSION BD201138.1 GI:33010908  
KEYWORDS JP 2002509721-A/4164.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.  
TITLE Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response  
JOURNAL Patent: JP 2002509721-A 4164 02-APR-2002;  
RIBOZYME PHARMACEUTICALS INC  
COMMENT OS Homo sapiens (human)  
PN JP 2002509721-A/4164  
PD 02-APR-2002  
PF 24-MAR-1999 JP 2000541291  
PR 27-MAR-1998 US 60/079678  
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,  
PI JAMES A MCSWIGGEN  
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC  
A61P29/00,  
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC  
C12N5/00  
CC Method and reagent for treating diseases or conditions CC  
concerning molecule  
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/db\_xref="taxon:9606"

QY 1296 TCCAGCTCAGCCT 1312  
1 TCCAGCTCAGCCT 17

Db 1

RESULT 1675  
BD235053/c 17 bp DNA linear PAT 17-JUL-2003  
LOCUS BD235053  
DEFINITION A method for stimulating the immune system.  
ACCESSION BD235053  
VERSION BD235053.1 GI:33044823  
KEYWORDS JP 2002517434-A/157.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Schlingensiepen,K.H., Schlingensiepen,R. and Brysch,W.  
TITLE A method for stimulating the immune system  
JOURNAL Patent: JP 2002517434-A 157 18-JUN-2002;  
BIOGENOSIT GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH  
COMMENT OS Homo sapiens (human)  
PN JP 2002517434-A/157  
PD 18-JUN-2002  
PF 10-JUN-1999 JP 2000553044  
PR 10-JUN-1998 EP 98110709.7,25-JUL-1998 EP 98113974.4 PI  
KARL HERMANN SCHLINGENSIEPEN,REIMAR SCHLINGENSIEPEN,WOLFGANG PI  
BRYSCH  
PC A61K45/06,A61K31/7088,A61K38/00,A61K39/395,A61K39/395,A61P31/  
PC 00,A61P35/00,  
PC A61P35/02,A61P37/02,C12N15/09,A61K37/02,C12N15/00 CC A  
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Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 511 CCATGTCCTGCTGCTG 527  
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Db 17 CCATGTCCTGCTGCTG 1

RESULT 1676  
BD254877 17 bp DNA linear PAT 17-JUL-2003  
LOCUS Regulation of repressor genes using nucleic acid molecules.  
ACCESSION BD254877.1 GI:33064647  
VERSION JP 2002541795-A/2670.  
KEYWORDS unclassified  
SOURCE unclassified  
ORGANISM unclassified.

REFERENCE 1 (bases 1 to 17)  
AUTHORS Blatt, L., Zwick, M., Pavco, P. and Mcswigen, J.  
TITLE Regulation of repressor genes using nucleic acid molecules  
JOURNAL Patent: JP 2002541795-A 2670 10-DEC-2002;  
RIBOZYME PHARMACEUTICALS INC  
OS Eukaryote  
PN JP 2002541795-A/2670  
PD 10-DEC-2002  
PF 11-APR-2000 JP 2000611654  
PR 12-APR-1999 US 60/129390  
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGEN  
PC C12N15/09, A61K38/00, A61P43/00, A61P43/00, C12N5/10, PC  
C12P21/02,  
PC C12P21/02, C12P21/02//A61K31/71.1, (C12N5/10, C12R1:91), (C12P21/02, PC  
C12R1:91),  
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N5/00, C12N5/00,  
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PC (C12N5/00, C12R1:91)  
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/db\_xref='taxon:32644'

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4884 TTCCTGTCCTGCTGCTC 4900  
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Db 1 TTCCTGTCCTGCTGCTC 17

RESULT 1677  
BD256682 17 bp DNA linear PAT 17-JUL-2003  
LOCUS Regulation of repressor genes using nucleic acid molecules.  
ACCESSION BD256682  
VERSION BD256682.1 GI:33064452  
KEYWORDS JP 2002541795-A/4475.  
SOURCE unclassified  
ORGANISM unclassified.

REFERENCE 1 (bases 1 to 17)  
AUTHORS Blatt, L., Zwick, M., Pavco, P. and Mcswigen, J.  
TITLE Regulation of repressor genes using nucleic acid molecules

JOURNAL Patent: JP 2002541795-A 4475 10-DEC-2002;  
RIBOZYME PHARMACEUTICALS INC

COMMENT

OS Eukaryote  
PN JP 2002541795-A/4475  
PD 10-DEC-2002  
PF 11-APR-2000 JP 2000611654  
PR 12-APR-1999 US 60/129390  
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGEN  
PC C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC  
C12P21/02,  
PC C12P21/02, C12P21/02//A61K31/71.1, (C12N5/10, C12R1:91), (C12P21/02, PC  
C12R1:91),  
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N5/00, C12N5/00,  
PC A61K37/02, C12R1:91)  
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CC Regulation of repressor genes using nucleic acid molecules FH  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1060 TCCAGATTATTATACG 1076  
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Db 1 TCCAGATTATTATACG 17

RESULT 1678  
BD256683 17 bp DNA linear PAT 17-JUL-2003  
LOCUS Regulation of repressor genes using nucleic acid molecules.  
ACCESSION BD256683  
VERSION BD256683.1 GI:33064453  
KEYWORDS JP 2002541795-A/4476.  
SOURCE unclassified  
ORGANISM unclassified.

REFERENCE 1 (bases 1 to 17)  
AUTHORS Blatt, L., Zwick, M., Pavco, P. and Mcswigen, J.  
TITLE Regulation of repressor genes using nucleic acid molecules  
JOURNAL Patent: JP 2002541795-A 4476 10-DEC-2002;  
RIBOZYME PHARMACEUTICALS INC  
OS Eukaryote  
PN JP 2002541795-A/4476  
PD 10-DEC-2002  
PF 11-APR-2000 JP 2000611654  
PR 12-APR-1999 US 60/129390  
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGEN  
PC C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC  
C12P21/02,  
PC C12P21/02, C12P21/02//A61K31/71.1, (C12N5/10, C12R1:91), (C12P21/02, PC  
C12R1:91),  
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N5/00, C12N5/00,  
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CC Regulation of repressor genes using nucleic acid molecules FH  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

OY 1061 CCAAGATTATTATGCA 1077  
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1 CCAAGATTATATACCA 17

Db 1 CCAAGATTATATACCA 17

RESULT 1679  
BD259394 17 bp DNA linear PAT 17-JUN-2003  
LOCUS BD259394  
DEFINITION Regulation of repressor genes using nucleic acid molecules.  
ACCESSION BD259394  
VERSION BD259394.1 GI:33069164  
KEYWORDS UP 2002541795-A/7187.  
SOURCE unidentified  
ORGANISM unclassified.

REFERENCE 1 (bases 1 to 17)  
AUTHORS Blatt, L., Zwick, M., Pavco, P. and Mcswigen, J.  
TITLE Regulation of repressor genes using nucleic acid molecules  
JOURNAL Patent: JP 2002541795-A 7187 10-DEC-2002;  
RIBOZYME PHARMACEUTICALS INC

COMMENT OS Eukaryote  
PN JP 2002541795-A/7187  
PD 10-DEC-2002  
PF 11-APR-2000 JP 2000611654  
PR 12-APR-1999 US 60/129390  
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGEN  
PC C12N15/09, A61K38/00, A61P43/00, A61P43/00, C12N5/10, PC  
C12P21/02,  
PC C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC  
C12R1:91),  
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N5/00, C12N5/00,  
PC A61K37/02,  
PC (C12N5/00, C12R1:91)  
CC Regulation of repressor genes using nucleic acid molecules FH  
Key Location/Qualifiers  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

OY 316 GAAGTCTCCGACGCTC 332  
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1 GAAGCCCTCCGACGCTC 17

Db 1 GAAGCCCTCCGACGCTC 17

RESULT 1680  
CQ615955 17 bp DNA linear PAT 02-FEB-2004  
LOCUS CQ615955  
DEFINITION Sequence 695 from Patent WO0192524.  
ACCESSION CQ615955  
VERSION CQ615955.1 GI:41666173  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and  
Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 695 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

OY 1753 ACGCCCCCTCCCAAG 1769  
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1 ACGCCCCCTTCGACAG 17

Db 1 ACGCCCCCTTCGACAG 17

RESULT 1681  
CQ615956 17 bp DNA linear PAT 02-FEB-2004  
LOCUS CQ615956  
DEFINITION Sequence 696 from Patent WO0192524.  
ACCESSION CQ615956  
VERSION CQ615956.1 GI:41666174  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and  
Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 696 06-DEC-2001;  
Aeomica, Inc. (US)

FEATURES Location/Qualifiers  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

OY 1754 CGCCCCCTCCCAAG 1770  
|||||  
1 CGCCCCCTTCGACAG 17

Db 1 CGCCCCCTTCGACAG 17

RESULT 1682  
CQ616603 17 bp DNA linear PAT 02-FEB-2004  
LOCUS CQ616603  
DEFINITION Sequence 1343 from Patent WO0192524.  
ACCESSION CQ616603  
VERSION CQ616603.1 GI:41666821  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and  
Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 1343 06-DEC-2001;  
Aeomica, Inc. (US)

FEATURES Location/Qualifiers  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;



REFERENCE	Mammalia; Eutheria; Primates; Carnivora; Homnidae; Homo.
AUTHORS	Gu.Y., Ji.Y., Penn.S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE	Myosin-like gene expressed in human heart and muscle
JOURNAL	Patent: WO 0192524-A 7601 06-DEC-2001;
FEATURES	Aeomica, Inc. (US)
SOURCE	location/Qualifiers 1..17 /organism="Homo sapiens" /mol_type="unassigned DNA" /db_xref="taxon:9606"
Query Match	0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity	88.2%; Pred.No.1e+03; Indels 0; Gaps 0;
Matches 15; Conservative	0; Mismatches 2;
OY	375 CAGTTAAGCTGGTGCAC 391                     17 CAGTTAAGATGTGSCA 1
RESULT 1688	
LOCUS	CQ623035 17 bp DNA linear PAT 02-FEB-2004
DEFINITION	Sequence 7775 from Patent WO0192524.
ACCESSION	CQ623035
VERSION	CQ623035.1 GI:41673253
KEYWORDS	.
SOURCE	Homo sapiens (human)
ORGANISM	Homo sapiens
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Carnivora; Homnidae; Homo.
AUTHORS	Shannon,M.E. Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE	Myosin-like gene expressed in human heart and muscle
JOURNAL	Patent: WO 0192524-A 7775 06-DEC-2001;
FEATURES	Aeomica, Inc. (US) location/Qualifiers 1..17 /organism="Homo sapiens" /mol_type="unassigned DNA" /db_xref="taxon:9606"
source	
Query Match	0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity	88.2%; Pred.No.1e+03; Indels 0; Gaps 0;
Matches 15; Conservative	0; Mismatches 2;
OY	150 AGCTGCCACTGGCACT 166                       17 AGCTCCACCGACACT 1
RESULT 1689	
LOCUS	CQ623054 17 bp DNA linear PAT 02-FEB-2004
DEFINITION	Sequence 7794 from Patent WO0192524.
ACCESSION	CQ623054
VERSION	CQ623054.1 GI:41673272
KEYWORDS	.
SOURCE	Homo sapiens (human)
ORGANISM	Homo sapiens
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Carnivora; Homnidae; Homo.
AUTHORS	Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE	Myosin-like gene expressed in human heart and muscle
JOURNAL	Patent: WO 0192524-A 7794 06-DEC-2001;
FEATURES	Aeomica, Inc. (US) location/Qualifiers 1..17

Query Match	0.3%	Score 13.8	DB 1	Length 17
Best Local Similarity	88.2%	Pred. No. 1e+03		
Matches	15	Conservative	0	Mismatches 2; Indels 0; Gaps 0;
OY	1663	GCCAGCTCTGCAGCAG	1679	
Db	1	GCCAGCTTCAGCAGCAG	17	
RESULT 1690				
COG23405				
LOCUS	COG23405	17 bp	DNA	linear
DEFINITION	Sequence 8145 from Patent WO0192524.			PAT 02-FEB-2004
ACCESSION	COG23405			
VERSION	COG23405.1	GI:41673623		
KEYWORDS				
SOURCE				
ORGANISM	Homo sapiens (human)			
REFERENCE				
AUTHORS	Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,W.E.			
TITLE	Myosin-like gene expressed in human heart and muscle			
JOURNAL	Patent: WO 0192524-A 8145 06-DEC-2001;			
Aeomica, Inc. (US)				
FEATURES				
Source	1..17			
	/organism="Homo sapiens"			
	/mol_type="unassigned DNA"			
	/db_xref="taxon:9606"			
Query Match	0.3%	Score 13.8	DB 1	Length 17
Best Local Similarity	88.2%	Pred. No. 1e+03		
Matches	15	Conservative	0	Mismatches 2; Indels 0; Gaps 0;
OY	814	TGCCCTGAGGAGAG	830	
Db	1	TGCAGCTTGAGCAGAG	17	
RESULT 1691				
COG23460/c				
LOCUS	COG23460	17 bp	DNA	linear
DEFINITION	Sequence 8200 from Patent WO0192524.			PAT 02-FEB-2004
ACCESSION	COG23460			
VERSION	COG23460.1	GI:41673678		
KEYWORDS				
SOURCE				
ORGANISM	Homo sapiens (human)			
REFERENCE				
AUTHORS	Homo sapiens			
TITLE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.			
JOURNAL	Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,W.E.			
FEATURES				
Source	1..17			
	/organism="Homo sapiens"			
	/mol_type="unassigned DNA"			
	/db_xref="taxon:9606"			
Query Match	0.3%	Score 13.8	DB 1	Length 17
Best Local Similarity	88.2%	Pred. No. 1e+03		
Matches	15	Conservative	0	Mismatches 2; Indels 0; Gaps 0;
OY	3871	CCATCAAGCTTCAGA	3887	



Db 17 CGATCAAGCCTCCCAA 1

RESULT 1692

CO625618

LOCUS CO625618 17 bp DNA linear PAT 02-FEB-2004

DEFINITION Sequence 10358 from Patent WO0192524.

ACCESSION CO625618

VERSION CO625618.1 GI:41675836

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 10358 06-DEC-2001;

FEATURES

source

1..17

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 924 GAGGCCAAGAGATTCC 940

1 GAGCCCAAGAGGATCC 17

RESULT 1693

CO625709

LOCUS CO625709 17 bp DNA linear PAT 02-FEB-2004

DEFINITION Sequence 10449 from Patent WO0192524.

ACCESSION CO625709

VERSION CO625709.1 GI:41675927

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 10449 06-DEC-2001;

FEATURES

source

1..17

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 3615 GACCAAGATCCCCAA 3631

1 GACCAAGATCCACGA 17

RESULT 1694

E55461

LOCUS E55461 17 bp DNA linear PAT 31-JAN-2002

DEFINITION Transgenic animal expressing angiotensin II2 receptor specifically to vascular tissue.

ACCESSION E55461

VERSION E55461.1 GI:18629829

KEYWORDS JP 2000224939-A/4.

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 17)

AUTHORS Kurihara,T. and Matsubara,H.

TITLE Transgenic animal expressing angiotensin II2 receptor specifically to vascular tissue

JOURNAL Patent: JP 2000224939-A 4 15-AUG-2000;

COMMENT

SUNTORY LTD

OS Artificial Sequence

PN JP 2000224939-A/4

PD 15-AUG-2000

PF 05-FEB-1999 JP 1999029354

PR

PI TATSUYA KURIHARA,HIROAKI MATSUBARA

PC A0167/027,C12N5/10,C12N15/09,C1201/02//C12N5/10,C12R1:91,

PC (C12N15/09,C12R1:91),C12N5/00,C12N15/00,C12N15/00,C12R1:91),

PC (C12N15/00,C12R1:91)

CC

CF

FT

FT

Key Location/Qualifiers

1..17

/organism="Artificial Sequence".

source

1..17

/organism="synthetic construct"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 378 TTAAGCTGTGCAGCA 394

1 TTCTGCTGTGCAGCA 17

RESULT 1695

128579/c

LOCUS 128579 17 bp DNA linear PAT 06-FEB-1997

DEFINITION Sequence 32 from patent US 5571937.

ACCESSION 128579

VERSION 128579.1 GI:1819355

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)

AUTHORS Watanabe,K.A., Ren,W.-Y. and Weil,R.

TITLE Complementary DNA and toxins

JOURNAL Patent: US 5571937-A 32 05-NOV-1996;

FEATURES

source

1..17

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 267 CCCCTCTCTCTTCT 283

1 CCCATCTCTCTCTCT 1

RESULT 1696

I53696

LOCUS I53696 17 bp DNA linear PAT 07-OCT-1997

DEFINITION Sequence 1437 from patent US 5646042.

ACCESSION I53696

VERSION 153696.1 GI:2474899  
KEYWORDS  
SOURCE Unknown.  
ORGANISM  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.  
TITLE C-myd targeted ribozymes  
JOURNAL Patent: US 5646042-A 1437 08-JUL-1997;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2044 CAGGCATTGCAACACA 2060  
|||||  
Db 1 CAGGCATTACCAACACA 17

RESULT 1697  
LOCUS 153730 17 bp DNA linear PAT 07-OCT-1997  
DEFINITION Sequence 1471 from patent US 5646042.  
ACCESSION 153730  
VERSION 153730.1 GI:2474933  
KEYWORDS  
SOURCE Unknown.  
ORGANISM  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.  
TITLE C-myd targeted ribozymes  
JOURNAL Patent: US 5646042-A 1471 08-JUL-1997;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3153 AAGAGCTCACCGCCA 3169  
|||||  
Db 1 AAGTGCTCACGACA 17

RESULT 1698  
LOCUS 158741 17 bp DNA linear PAT 07-OCT-1997  
DEFINITION Sequence 32 from patent US 5652350.  
ACCESSION 158741  
VERSION 158741.1 GI:2477979  
KEYWORDS  
SOURCE Unknown.  
ORGANISM  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Watanabe,K.A., Ren,W.-Y. and Weil,R.  
TITLE Complementary DNA and toxins  
JOURNAL Patent: US 5652350-A 32 29-JUL-1997;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTTCT 283  
|||||  
Db 17 CCCATCTCTCTCTCT 1

RESULT 1699  
LOCUS AR190500 17 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 5988 from patent US 6346398.  
ACCESSION AR190500  
VERSION AR190500.1 GI:20236465  
KEYWORDS  
SOURCE Unknown.  
ORGANISM  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6346398-A 5988 12-FEB-2002;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4185 GCAGGCTTTGTGTTT 4201  
|||||  
Db 1 GCATGCTTTGTGTTT 17

RESULT 1700  
LOCUS AR191738 17 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 7226 from patent US 6346398.  
ACCESSION AR191738  
VERSION AR191738.1 GI:20237703  
KEYWORDS  
SOURCE Unknown.  
ORGANISM  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6346398-A 7226 12-FEB-2002;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 ACCATGTCCTGCTG 526  
|||||  
Db 1 ACCATGTCGCTGCTG 17

RESULT 1701  
LOCUS AR192379 17 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 7867 from patent US 6346398.  
ACCESSION AR192379  
VERSION AR192379.1 GI:20238344  
KEYWORDS  
SOURCE Unknown.  
ORGANISM

Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6346398-A 7867 12-FEB-2002;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3181 AGCAGTGGAGAGTCACT 3197  
Db 17 AGGAGTGAGAGTCACT 1

RESULT 1702  
AR254810/c AR254810 17 bp DNA linear PAT 20-DEC-2002  
LOCUS AR254810  
DEFINITION Sequence 94 from patent US 6482588.  
ACCESSION AR254810  
VERSION AR254810.1 GI:27303858  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Van Doorn, L.-J., Quint, M., Kleter, B. and Tersmette, J.  
TITLE Detection and identification of human papillomavirus by PCR and type-specific reverse hybridization  
JOURNAL Patent: US 6482588-A 94 19-NOV-2002;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 998 ATTGTTCCAGCGACTGC 1014  
Db 17 ATTGTTCCAGCGAATGC 1

RESULT 1703  
AR286096 AR286096 17 bp RNA linear PAT 10-APR-2003  
LOCUS AR286096  
DEFINITION Sequence 468 from patent US 6528640.  
ACCESSION AR286096  
VERSION AR286096.1 GI:29723692  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Beigelman, L., Burgin, A., Beaudry, A., Karpetsky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.  
TITLE Synthetic ribonucleic acids with RNase activity  
JOURNAL Patent: US 6528640-A 468 04-MAR-2003;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3312 CCTGACCGAGCCGCCAC 3328  
Db 1 CCTGACCTGAGCCGCC 17

RESULT 1704  
AR286463 AR286463 17 bp RNA linear PAT 10-APR-2003  
LOCUS AR286463  
DEFINITION Sequence 835 from patent US 6528640.  
ACCESSION AR286463  
VERSION AR286463.1 GI:29724059  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Beigelman, L., Burgin, A., Beaudry, A., Karpetsky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.  
TITLE Synthetic ribonucleic acids with RNase activity  
JOURNAL Patent: US 6528640-A 835 04-MAR-2003;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3315 GACCAGCAGCCGACAGC 3331  
Db 1 GACCTGACGCCCCCAGC 17

RESULT 1705  
AR325423 AR325423 17 bp RNA linear PAT 17-AUG-2003  
LOCUS AR325423  
DEFINITION Sequence 2825 from patent US 6566127.  
ACCESSION AR325423  
VERSION AR325423.1 GI:33711231  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco, P., McSwiggen, J. A., Stinchcomb, D. T. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 2825 20-MAY-2003;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4185 GCAAGGCTTGTGTGTTT 4201  
Db 1 GCAATGCTTGTGTGTT 17

RESULT 1706  
AR325638 AR325638 17 bp RNA linear PAT 17-AUG-2003  
LOCUS AR325638  
DEFINITION Sequence 3040 from patent US 6566127.  
ACCESSION AR325638  
VERSION AR325638.1 GI:33711446  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Beigelman, L., Burgin, A., Beaudry, A., Karpetsky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.  
TITLE Synthetic ribonucleic acids with RNase activity  
JOURNAL Patent: US 6566127-A 3040 04-MAR-2003;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 3040 20-MAY-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 ACCATGCTCCCTGCTG 526  
Db 1 ACCATGCTCAGCTGCTG 17

RESULT 1707  
LOCUS AR326248 17 bp RNA linear PAT 17-AUG-2003  
DEFINITION Sequence 3650 from patent US 6566127.  
ACCESSION AR326248  
VERSION AR326248.1 GI:33712056  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 3650 20-MAY-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3181 AGCAGTGGAGTCACT 3197  
Db 17 AGGAGTGAGAGTCACT 1

RESULT 1708  
LOCUS AR398086 17 bp RNA linear PAT 18-DEC-2003  
DEFINITION Sequence 467 from patent US 6617438.  
ACCESSION AR398086  
VERSION AR398086.1 GI:40135613  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)  
AUTHORS Beigelman,L., Burgin,A.B., Beaudry,A., Karpelsky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S.  
TITLE Oligoribonucleotides with enzymatic activity  
JOURNAL Patent: US 6617438-A 467 09-SEP-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3312 CCTGACGAGCCACC 3328

Db 1 CCHGACCTGACGCCCC 17

RESULT 1709  
LOCUS AR398453 17 bp RNA linear PAT 18-DEC-2003  
DEFINITION Sequence 834 from patent US 6617438.  
ACCESSION AR398453  
VERSION AR398453.1 GI:40136278  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)  
AUTHORS Beigelman,L., Burgin,A.B., Beaudry,A., Karpelsky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S.  
TITLE Oligoribonucleotides with enzymatic activity  
JOURNAL Patent: US 6617438-A 834 09-SEP-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3315 GACCAGAGCCGACAGC 3331  
Db 1 GACCTGAGGCCCCAGC 17

RESULT 1710  
LOCUS AR402200 17 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 540 from patent US 6623962.  
ACCESSION AR402200  
VERSION AR402200.1 GI:40149650  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)  
AUTHORS Akhtar,S., Fell,P. and McSwiggen,J.A.  
TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors  
JOURNAL Patent: US 6623962-A 540 23-SEP-2003;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2533 TCCTGTGAAGTCTAT 2549  
Db 17 TCCTGTGAAGACTTGT 1

RESULT 1711  
LOCUS AR457018 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 695 from patent US 6686188.  
ACCESSION AR457018  
VERSION AR457018.1 GI:42692075  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 695 03-FEB-2004;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1753 ACGCCCCCTGCCAAG 1769  
Db 1 ACGCCCCCTGCCAAG 17

RESULT 1712  
LOCUS AR457019 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 696 from patent US 6686188.  
ACCESSION AR457019  
VERSION AR457019.1 GI:42692076  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 696 03-FEB-2004;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1754 CGCCCCCTGCCAAGA 1770  
Db 1 CGCCCCCTGCCAAGA 17

RESULT 1713  
LOCUS AR457666 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 1343 from patent US 6686188.  
ACCESSION AR457666  
VERSION AR457666.1 GI:42692723  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 1343 03-FEB-2004;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 769 ACAAGAGAAACATG 785  
Db 1 ATAGAGAGAAACATG 17

RESULT 1714  
LOCUS AR457760/c 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 1437 from patent US 6686188.  
ACCESSION AR457760  
VERSION AR457760.1 GI:42692817  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 1437 03-FEB-2004;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3682 CCAGATCGTGTCAAC 3698  
Db 17 CCAGATCGTGTCAAC 1

RESULT 1715  
LOCUS AR457803 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 1480 from patent US 6686188.  
ACCESSION AR457803  
VERSION AR457803.1 GI:42692860  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 1480 03-FEB-2004;  
FEATURES Location/Qualifiers  
SOURCE 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 204 GGTGCGCAGAGACCG 220  
Db 1 GGTGCGCAGAGACCG 17

RESULT 1716  
LOCUS AR458005/c 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 1682 from patent US 6686188.  
ACCESSION AR458005  
VERSION AR458005.1 GI:42693062  
KEYWORDS

SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 1682 03-FEB-2004;  
FEATURES  
source location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1255 GTCCTCAGGTTCTGT 1271  
Db 17 GTCCTCAGGAGCCTGT 1

RESULT 1717  
AR462808/c AR462808 17 bp DNA linear PAT 20-FEB-2004  
LOCUS Sequence 6485 from patent US 6686188.  
DEFINITION AR462808  
ACCESSION AR462808  
VERSION AR462808.1 GI:42697865  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 6485 03-FEB-2004;  
FEATURES  
source location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 564 CTGCTTTCAGACAGG 580  
Db 17 CTGCTTTCACACAGG 1

RESULT 1718  
AR463924/c AR463924 17 bp DNA linear PAT 20-FEB-2004  
LOCUS Sequence 7601 from patent US 6686188.  
DEFINITION AR463924  
ACCESSION AR463924  
VERSION AR463924.1 GI:42698981  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 7601 03-FEB-2004;  
FEATURES  
source location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 CAGTTAAGCTGTGGCA 391  
Db 17 CAGTTAAGATGTGGCA 1

RESULT 1719  
AR464098/c AR464098 17 bp DNA linear PAT 20-FEB-2004  
LOCUS Sequence 7775 from patent US 6686188.  
DEFINITION AR464098  
ACCESSION AR464098  
VERSION AR464098.1 GI:42699155  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 7775 03-FEB-2004;  
FEATURES  
source location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 150 AGCTCCACTGGACACT 166  
Db 17 AGCTCCACCGGACACT 1

RESULT 1720  
AR464117 AR464117 17 bp DNA linear PAT 20-FEB-2004  
LOCUS Sequence 7794 from patent US 6686188.  
DEFINITION AR464117  
ACCESSION AR464117  
VERSION AR464117.1 GI:42699174  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 7794 03-FEB-2004;  
FEATURES  
source location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1663 GCCAGCTCTGCAGCAG 1679  
Db 1 GCCAGCTTCAGCAGCAG 17

RESULT 1721  
AR464468 AR464468 17 bp DNA linear PAT 20-FEB-2004  
LOCUS

DEFINITION Sequence 8145 from patent US 6686188.  
ACCESSION AR464468  
VERSION AR464468.1 GI:42699525  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, W.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 8145 03-FEB-2004;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 814 TGCCGCTGAGAGAG 830  
Db 1 TGCAGCTGAGCAAGAG 17  
RESULT 1722  
AR464523/c 17 bp DNA linear PAT 20-FEB-2004  
LOCUS AR464523  
DEFINITION Sequence 8200 from patent US 6686188.  
ACCESSION AR464523  
VERSION AR464523.1 GI:42699580  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, W.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 8200 03-FEB-2004;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3871 CCATCAAGCCTTCGAGA 3887  
Db 17 CGATCAAGCCTTCGAAA 1  
RESULT 1723  
AR466681 17 bp DNA linear PAT 20-FEB-2004  
LOCUS AR466681  
DEFINITION Sequence 10358 from patent US 6686188.  
ACCESSION AR466681  
VERSION AR466681.1 GI:42701738  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, W.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 10358 03-FEB-2004;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"

FEATURES Location/Qualifiers  
1..17  
/organism="unknown"  
/mol\_type="genomic DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 924 GAGCCCAAGAGGTTCC 940  
Db 1 GAGCCCAAGAGGATCC 17  
RESULT 1724  
AR466772 17 bp DNA linear PAT 20-FEB-2004  
LOCUS AR466772  
DEFINITION Sequence 10449 from patent US 6686188.  
ACCESSION AR466772  
VERSION AR466772.1 GI:42701829  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, W.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 10449 03-FEB-2004;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3615 GACCAGGAATCCCCCA 3631  
Db 1 GACCAGGAATCCCCCA 17  
RESULT 1725  
AR473984 17 bp DNA linear PAT 20-FEB-2004  
LOCUS AR473984  
DEFINITION Sequence 10 from patent US 6689744.  
ACCESSION AR473984  
VERSION AR473984.1 GI:42712558  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gao, W.-Q., Koepfen, H., Rose, S. and Shou, J.  
TITLE Notch receptor agonists and uses  
JOURNAL Patent: US 6689744-A 10 10-FEB-2004;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="genomic DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1970 CATCCGATGCTGCTGC 1986  
Db 1 CAACCCGATGCTGCTGC 17  
RESULT 1726

AX009124/c 17 bp DNA linear PAT 06-SEP-2000  
LOCUS AX009124  
DEFINITION Sequence 157 from Patent WO963975.  
ACCESSION AX009124  
VERSION AX009124.1 GI:9996498  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Blysch, W., Schlingensiepen, K.H. and Schlingensiepen, R.  
TITLE A method for stimulating the immune system  
JOURNAL Patent: WO 963975-A 157 16-DEC-1999;  
BIOOSTRIK GES (DE); BLYSCH WOLFGANG (DE); SCHLINGENSIEPEN KARL  
HERMANN (DE); SCHLINGENSIEPEN REIMAR (DE)  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Mismatches 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 511 CCATGGTCCTGCTGG 527  
Db 17 CCATGGTCAGCTGCTGG 1  
RESULT 1727  
AX215112/c 17 bp RNA linear PAT 07-SEP-2001  
LOCUS AX215112  
DEFINITION Sequence 554 from Patent WO0159103.  
ACCESSION AX215112  
VERSION AX215112.1 GI:15525155  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1  
AUTHORS Blatt, L., Mcswigen, J. and Chowrira, B.M.  
TITLE Method and reagent for the modulation and diagnosis of cd20 and  
JOURNAL nogo gene expression  
PATENT: WO 0159103-A 554 16-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);  
Mcswigen, James (US); Chowrira, Bharat M. (US)  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="synthetic construct"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32630"  
/note="Nucleic Acid"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Mismatches 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2368 TGGTCACAGAGAGAGG 2384  
Db 17 TGGTCACAGAGAGAGG 1  
RESULT 1728  
AX215547/c 17 bp RNA linear PAT 07-SEP-2001  
LOCUS AX215547  
DEFINITION Sequence 989 from Patent WO0159103.  
ACCESSION AX215547  
VERSION AX215547.1 GI:15525590  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct

REFERENCE 1  
AUTHORS Blatt, L., Mcswigen, J. and Chowrira, B.M.  
TITLE Method and reagent for the modulation and diagnosis of cd20 and  
JOURNAL nogo gene expression  
PATENT: WO 0159103-A 989 16-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);  
Mcswigen, James (US); Chowrira, Bharat M. (US)  
FEATURES  
source Location/Qualifiers  
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/organism="synthetic construct"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32630"  
/note="Nucleic Acid"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Mismatches 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1590 GTGAAACAGAGAGGA 1606  
Db 17 GAGGACAGACAGAGGA 1  
RESULT 1729  
AX215980/c 17 bp RNA linear PAT 07-SEP-2001  
LOCUS AX215980  
DEFINITION Sequence 1422 from Patent WO0159103.  
ACCESSION AX215980  
VERSION AX215980.1 GI:15526023  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1  
AUTHORS Blatt, L., Mcswigen, J. and Chowrira, B.M.  
TITLE Method and reagent for the modulation and diagnosis of cd20 and  
JOURNAL nogo gene expression  
PATENT: WO 0159103-A 1422 16-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);  
Mcswigen, James (US); Chowrira, Bharat M. (US)  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="synthetic construct"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32630"  
/note="Nucleic Acid"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Mismatches 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2369 GCTCACAGAGAGAGG 2385  
Db 17 GCTCACAGAGAGAGG 1  
RESULT 1730  
AX217568/c 17 bp RNA linear PAT 07-SEP-2001  
LOCUS AX217568  
DEFINITION Sequence 3010 from Patent WO0159103.  
ACCESSION AX217568  
VERSION AX217568.1 GI:15527629  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1  
AUTHORS Blatt, L., Mcswigen, J. and Chowrira, B.M.  
TITLE Method and reagent for the modulation and diagnosis of cd20 and  
JOURNAL nogo gene expression  
PATENT: WO 0159103-A 3010 16-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);



McSwiggen, James (US) ; Chowitra, Bharat M. (US)  
Location/Qualifiers  
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/mol\_type="unassigned RNA"  
/db\_xref="taxon:32630"  
/note="Nucleic Acid"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 2219 GAGTCCCTTTAATCA 2235  
1 GAGTCCCTTTGCAATCA 17

RESULT 1731  
AX218164/c 17 bp RNA linear PAT 07-SEP-2001  
LOCUS AX218164  
DEFINITION Sequence 3606 from Patent WO0159103.  
ACCESSION AX218164  
VERSION AX218164.1 GI:15528225  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Blact, L., Mcswiggen, J. and Chowitra, B.M.  
TITLE Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression  
JOURNAL Patent: WO 0159103-A 3606 16-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blact, Lawrence (US) ;  
Mcswiggen, James (US) ; Chowitra, Bharat M. (US)  
Location/Qualifiers  
1..17  
/organism="synthetic construct"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32630"  
/note="Nucleic Acid"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4790 TTCTTTGGTGGAGA 4806  
17 TTCTTTGGTGGAGA 1

Db 17 TTCTTTGGTGGAGA 1

RESULT 1732  
AX227274 17 bp RNA linear PAT 10-SEP-2001  
LOCUS AX227274  
DEFINITION Sequence 646 from Patent WO0157206.  
ACCESSION AX227274  
VERSION AX227274.1 GI:15556415  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Fattaey, A.R., Jarvis, T., Mcswiggen, J., Boohar, R.N. and Holman, P.S.  
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme  
JOURNAL Patent: WO 0157206-A 646 09-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)  
Location/Qualifiers  
1..17  
/organism="synthetic construct"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 2644 TCACTTCCAGTTTGC 2660  
1 TCACTTCCAGTTTATC 17

RESULT 1733  
AX227469 17 bp RNA linear PAT 10-SEP-2001  
LOCUS AX227469  
DEFINITION Sequence 841 from Patent WO0157206.  
ACCESSION AX227469  
VERSION AX227469.1 GI:15556610  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Fattaey, A.R., Jarvis, T., Mcswiggen, J., Boohar, R.N. and Holman, P.S.  
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme  
JOURNAL Patent: WO 0157206-A 841 09-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)  
Location/Qualifiers  
1..17  
/organism="synthetic construct"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 2557 TGACGTGTGTGTGAC 2573  
1 TTACGTGTGTGTGAC 17

Db 17 TTACGTGTGTGTGAC 17

RESULT 1734  
AX227486 17 bp RNA linear PAT 10-SEP-2001  
LOCUS AX227486  
DEFINITION Sequence 858 from Patent WO0157206.  
ACCESSION AX227486  
VERSION AX227486.1 GI:15556627  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1  
AUTHORS Fattaey, A.R., Jarvis, T., Mcswiggen, J., Boohar, R.N. and Holman, P.S.  
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme  
JOURNAL Patent: WO 0157206-A 858 09-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)  
Location/Qualifiers  
1..17  
/organism="synthetic construct"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4332 GGTACTGGAGCCCGAC 4348  
1 GTTACTTGGACCCCGAC 17

Db 17 GTTACTTGGACCCCGAC 17

RESULT 1735  
AX264515 17 bp DNA linear PAT 26-OCT-2001  
LOCUS AX264515

DEFINITION Sequence 1906 from Patent WO0173002.  
ACCESSION AX264515  
VERSION AX264515.1 GI:16513314  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE  
AUTHORS 1  
TITLE Kniec.E.B., Gamber.H.B. and Rice.M.C.  
JOURNAL Targeted chromosomal genomic alterations with modified single  
stranded oligonucleotides  
Patent: WO 0173002-A 1906 04-OCT-2001;  
UNIVERSITY OF DELAWARE (US)  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Mismatches 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 685 ATGAAGATGATTAATTC 701  
1 AAGAAAGATGATTAAGTC 17

RESULT 1736  
LOCUS AX264516 17 bp DNA linear PAT 26-OCT-2001  
DEFINITION Sequence 1907 from Patent WO0173002.  
ACCESSION AX264516  
VERSION AX264516.1 GI:16513315  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE  
AUTHORS 1  
TITLE Kniec.E.B., Gamber.H.B. and Rice.M.C.  
JOURNAL Targeted chromosomal genomic alterations with modified single  
stranded oligonucleotides  
Patent: WO 0173002-A 1907 04-OCT-2001;  
UNIVERSITY OF DELAWARE (US)  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Mismatches 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 685 ATGAAGATGATTAATTC 701  
1 AAGAAAGATGATTAAGTC 17

RESULT 1737  
LOCUS AX272998 17 bp RNA linear PAT 29-OCT-2001  
DEFINITION Sequence 567 from Patent WO0162911.  
ACCESSION AX272998  
VERSION AX272998.1 GI:16545735  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE  
AUTHORS 1  
TITLE Kniec.E.B., Gamber.H.B. and Rice.M.C.  
JOURNAL Targeted chromosomal genomic alterations with modified single  
stranded oligonucleotides  
Patent: WO 0162911-A 567 30-AUG-2001;  
GLAXO GROUP LIMITED (GB)  
RIBOZYME PHARMACEUTICALS, INC. (US);  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:9606"

AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Hamblin,P.A. and  
Ellis,J.H.  
TITLE Method and reagent for the inhibition of grid  
JOURNAL Patent: WO 0162911-A 567 30-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Mismatches 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1125 CTTCCTCAGCTGAGAA 1141  
17 CATCTCAGCTGAGCA 1

RESULT 1738  
LOCUS AX325129 17 bp DNA linear PAT 02-SEP-2002  
DEFINITION Sequence 1267 from Patent WO0192512.  
ACCESSION AX325129  
VERSION AX325129.1 GI:18095884  
KEYWORDS  
SOURCE Oryza sativa  
ORGANISM Oryza sativa  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;  
Eriarthroidae; Oryzaceae; Oryza.

REFERENCE  
AUTHORS 1  
TITLE Kniec.E.B., Gamber.H.B., Rice.M.C. and Kim,U.  
JOURNAL Targeted chromosomal genomic alterations in plants using modified  
single stranded oligonucleotides  
Patent: WO 0192512-A 1267 06-DEC-2001;  
UNIVERSITY OF DELAWARE (US)  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="Oryza sativa"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:4530"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Mismatches 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1071 TTAAGCACTCAGCTGC 1087  
17 TTAACCACTCAGCTCTC 1

RESULT 1739  
LOCUS AX325130 17 bp DNA linear PAT 02-SEP-2002  
DEFINITION Sequence 1268 from Patent WO0192512.  
ACCESSION AX325130  
VERSION AX325130.1 GI:18095885  
KEYWORDS  
SOURCE Oryza sativa  
ORGANISM Oryza sativa  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;  
Eriarthroidae; Oryzaceae; Oryza.

REFERENCE  
AUTHORS 1  
TITLE Kniec.E.B., Gamber.H.B., Rice.M.C. and Kim,U.  
JOURNAL Targeted chromosomal genomic alterations in plants using modified  
single stranded oligonucleotides  
Patent: WO 0192512-A 1268 06-DEC-2001;  
UNIVERSITY OF DELAWARE (US)  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="Oryza sativa"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:4530"

/organism="Oryza sativa"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:4530"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1071 TTAGCACTCAGCTGCG 1087  
1 TTAACCACTCAGCTCTC 17

RESULT 1740  
AX325517/c 17 bp DNA linear PAT 02-SEP-2002  
LOCUS AX325517  
DEFINITION Sequence 1655 from Patent WO0192512.  
ACCESSION AX325517  
VERSION AX325517.1 GI:18096274  
KEYWORDS  
SOURCE  
ORGANISM Zea mays  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD  
clade; Panicoideae; Andropogoneae; Zea.

REFERENCE 1  
AUTHORS Kmiec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.  
TITLE Targeted chromosomal genomic alterations in plants using modified  
JOURNAL single stranded oligonucleotides  
UNIVERSITY OF DELAWARE (US)  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="Zea mays"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:4577"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 2219 GAGTCCTTTAATCATCA 2235  
17 GAGTCCTTTACCA 1

RESULT 1741  
AX325518 17 bp DNA linear PAT 02-SEP-2002  
LOCUS AX325518  
DEFINITION Sequence 1656 from Patent WO0192512.  
ACCESSION AX325518  
VERSION AX325518.1 GI:18096275  
KEYWORDS  
SOURCE Zea mays  
ORGANISM Zea mays  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD  
clade; Panicoideae; Andropogoneae; Zea.

REFERENCE 1  
AUTHORS Kmiec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.  
TITLE Targeted chromosomal genomic alterations in plants using modified  
JOURNAL single stranded oligonucleotides  
UNIVERSITY OF DELAWARE (US)  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="Zea mays"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:4577"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 2219 GAGTCCTTTAATCATCA 2235  
17 GAGTCCTTTACCA 1

RESULT 1742  
AX325549/c 17 bp DNA linear PAT 02-SEP-2002  
LOCUS AX325549  
DEFINITION Sequence 1687 from Patent WO0192512.  
ACCESSION AX325549  
VERSION AX325549.1 GI:18096306  
KEYWORDS  
SOURCE  
ORGANISM Beta vulgaris  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;  
Caryophyllales; Amaranthaceae; Beta.

REFERENCE 1  
AUTHORS Kmiec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.  
TITLE Targeted chromosomal genomic alterations in plants using modified  
JOURNAL single stranded oligonucleotides  
UNIVERSITY OF DELAWARE (US)  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="Beta vulgaris"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:161934"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 2219 GAGTCCTTTAATCATCA 2235  
17 GAGTCCTTTACCA 1

RESULT 1743  
AX325550 17 bp DNA linear PAT 02-SEP-2002  
LOCUS AX325550  
DEFINITION Sequence 1688 from Patent WO0192512.  
ACCESSION AX325550  
VERSION AX325550.1 GI:18096307  
KEYWORDS  
SOURCE Beta vulgaris  
ORGANISM Beta vulgaris  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;  
Caryophyllales; Amaranthaceae; Beta.

REFERENCE 1  
AUTHORS Kmiec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.  
TITLE Targeted chromosomal genomic alterations in plants using modified  
JOURNAL single stranded oligonucleotides  
UNIVERSITY OF DELAWARE (US)  
FEATURES  
source Location/Qualifiers  
1..17  
/organism="Beta vulgaris"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:161934"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 2219 GAGTCCTTTAATCATCA 2235  
17 GAGTCCTTTACCA 1

RESULT 1744

LOCUS	AX83927		17 bp	DNA	linear	PAT 19-MAR-2002
DEFINITION	Sequence 30 from Patent WO0214546.					
ACCESSION	AX83927					
VERSION	AX83927.1	GI:19577498				
KEYWORDS						
SOURCE	Borrelia burgdorferi (Lyme disease spirochete)					
ORGANISM	Borrelia burgdorferi Borrelia burgdorferi Bacteria; Spirochaetes; Spirochaetales; Spirochaetaceae; Borrelia; Borrelia burgdorferi group.					
REFERENCE	1 Fritzsche,M. Use of microbial dna sequences for the identification of human diseases					
AUTHORS						
TITLE						
JOURNAL	Patent: WO 0214546-A 30 21-FEB-2002;					
FEATURES	Fritzsche, Markus (CH) location/Qualifiers					
source	1..17 /organism="Borrelia burgdorferi" /mol_type="unassigned DNA" /db_xref="taxon:159"					
Query Match	0.3%; Score 13.8; DB 1; Length 17;					
Best Local Similarity	88.2%; Pred.No.1e+03;					
Matches	15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;					
OY	4417 ATGATGATTTTATTAT 4433					
Db	1 ATACTAATATCATATAT 17					
RESULT 1745						
AX422119/c						
LOCUS	AX422119		17 bp	RNA	linear	PAT 18-JUN-2002
DEFINITION	Sequence 455 from Patent WO0188124.					
ACCESSION	AX422119					
VERSION	AX422119.1	GI:21525501				
KEYWORDS						
SOURCE	Homo sapiens (human)					
ORGANISM	Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.					
REFERENCE	1 Jarvis,T., von Carlwicz,I., Mcswigen,J.A., McLaughlin,F.G. and Randl,A.M. Method and reagent for the inhibition of erg					
AUTHORS	Patent: WO 0188124-A 455 22-NOV-2001;					
JOURNAL	RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)					
FEATURES	location/Qualifiers					
source	1..17 /organism="Homo sapiens" /mol_type="unassigned RNA" /db_xref="taxon:9606"					
Query Match	0.3%; Score 13.8; DB 1; Length 17;					
Best Local Similarity	88.2%; Pred.No.1e+03; 2; Indels 0; Gaps 0;					
Matches	15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;					
OY	72 GCTAGGCCATGCTTCTT 88					
Db	17 GCTAGGCCCACTTATT 1					
RESULT 1746						
AX423706						
LOCUS	AX423706		17 bp	RNA	linear	PAT 18-JUN-2002
DEFINITION	Sequence 2042 from Patent WO0188124.					
ACCESSION	AX423706					
VERSION	AX423706.1	GI:21527088				
KEYWORDS						
SOURCE	Homo sapiens (human)					
ORGANISM	Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrate; Euteleostomi;					

REFERENCE	AUTHORS	TITLE	JOURNAL	FEATURES	SOURCE
1	Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.	Jarvis, T., von Carlowitz, I., Mcwigen, J.A., McLaughlin, F.G. and Randl, A.M.	Method and reagent for the inhibition of erg	Patent: WO 0186124-A 2042 22-NOV-2001;	RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
1	location/Qualifiers	1. .17	/organism="Homo sapiens"	/mol_type="unassigned RNA"	/db_xref="taxon:9606"
Query Match	Best Local Similarity	88.2%;	Pred. No. 1e+03;	Length 17;	
Matches	15;	Conservative	0;	Mismatches	2;
Indels	0;	Gaps	0;		
0y	1597	CAGAGAGGAGAGATC 1613			
Db	1	CAGGAGAGGAGAGACC 17			
RESULT 1747	LOCUS	AX423773	17 bp	RNA	linear
DEFINITION	Sequence 2109 from Patent WO0186124.				PAT 18-JUN-2002
ACCESSION	AX423773				
VERSION	AX423773.1				GI:21527155
KEYWORDS					
SOURCE					
ORGANISM					
	Homo sapiens (human)				
	Homo sapiens				
REFERENCE					
1	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.	Jarvis, T., von Carlowitz, I., Mcwigen, J.A., McLaughlin, F.G. and Randl, A.M.	Method and reagent for the inhibition of erg	Patent: WO 0186124-A 2109 22-NOV-2001;	RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
1	location/Qualifiers	1. .17	/organism="Homo sapiens"	/mol_type="unassigned RNA"	/db_xref="taxon:9606"
Query Match	Best Local Similarity	88.2%;	Pred. No. 1e+03;	Length 17;	
Matches	15;	Conservative	0;	Mismatches	2;
Indels	0;	Gaps	0;		
0y	71	TGCTAGGCCATGCTTC 87			
Db	17	TGCTAGGCCAAGCTTAT 1			
RESULT 1748	LOCUS	AX428695/c	17 bp	DNA	linear
DEFINITION	Sequence 94 from Patent EP1201771.				PAT 20-JUN-2002
ACCESSION	AX428695				
VERSION	AX428695.1				GI:21538606
KEYWORDS					
SOURCE					
ORGANISM					
	unidentified				
	unidentified				
	unclassified.				
REFERENCE					
1	Van Doorn, L.J., Kleter, B. and Ter Schegget, J.	Detection and identification of human papillomavirus by pcr and type-specific reverse hybridization	Patent: EP 1201771-A 94 02-MAY-2002;	INNOCENTIS N.V. (BE) ; Delfts Diagnostic laboratory B.V. (NL)	location/Qualifiers
1. .17					
/organism="unidentified"					

/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 998 ATTGTTCCAGCAGCTGC 1014  
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Db 17 ATTGTTCCAGCAATGC 1

RESULT 1749

AX448323 17 bp DNA linear PAT 03-JUL-2002  
LOCUS Sequence 10 from Patent WO0224221.  
ACCESSION AX448323  
VERSION AX448323.1 GI:21697222  
KEYWORDS  
SOURCE  
ORGANISM

synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Gao, W.Q., Koepfen, H., Ross, S. and Shou, J.  
TITLE Notch receptor agonists and uses  
JOURNAL Patent: WO 0224221-A 10 28-MAR-2002;  
Genentech, Inc. (US)

FEATURES  
source  
1. .17  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Oligonucleotide Probe"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1970 CATCCGATCGTGTGC 1986  
|||||  
Db 1 CAACCGCATCGTGTGC 17

RESULT 1750

AX475816/c 17 bp DNA linear PAT 12-AUG-2002  
LOCUS Sequence 1037 from Patent WO0224750.  
ACCESSION AX475816  
VERSION AX475816.1 GI:22215101  
KEYWORDS  
SOURCE  
ORGANISM

Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1  
AUTHORS Zhang, J.  
TITLE Human kidney tumor overexpressed membrane protein 1  
JOURNAL Patent: WO 0224750-A 1037 28-MAR-2002;  
Aeomica, Inc. (US)

FEATURES  
source  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2197 TGGCCCTGGCGACAG 2213  
|||||  
Db 17 TGGCCCGGGGTGACAG 1

RESULT 1751

AX475817/c 17 bp DNA linear PAT 12-AUG-2002  
LOCUS Sequence 1038 from Patent WO0224750.  
ACCESSION AX475817  
VERSION AX475817.1 GI:22215102  
KEYWORDS  
SOURCE  
ORGANISM

Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1  
AUTHORS Zhang, J.  
TITLE Human kidney tumor overexpressed membrane protein 1  
JOURNAL Patent: WO 0224750-A 1038 28-MAR-2002;  
Aeomica, Inc. (US)

FEATURES  
source  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2196 CTGGCCCTGGCGACAA 2212  
|||||  
Db 17 CTGGCCCGGGGTGACAA 1

RESULT 1752

AX475818/c 17 bp DNA linear PAT 12-AUG-2002  
LOCUS Sequence 1039 from Patent WO0224750.  
ACCESSION AX475818  
VERSION AX475818.1 GI:22215103  
KEYWORDS  
SOURCE  
ORGANISM

Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1  
AUTHORS Zhang, J.  
TITLE Human kidney tumor overexpressed membrane protein 1  
JOURNAL Patent: WO 0224750-A 1039 28-MAR-2002;  
Aeomica, Inc. (US)

FEATURES  
source  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2195 CTTGGCCCTGGCGACA 2211  
|||||  
Db 17 CTTGGCCCGGGGTGACA 1

RESULT 1753

AX498916/c 17 bp DNA linear PAT 27-SEP-2002  
LOCUS Sequence 223 from Patent EP1229046.  
ACCESSION AX498916  
VERSION AX498916.1 GI:23381209  
KEYWORDS  
SOURCE  
ORGANISM

Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE  
AUTHORS 1 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
TITLE Zhan, J.  
JOURNAL Human testis expressed patched like protein  
Patent: EP 1229046-A 223 07-AUG-2002;  
Aeomica, Inc. (US)  
FEATURES  
Source 1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 467 GTCTGGGGGCTGC 483  
DB 17 GTCCCGGGGTGCTGC 1

RESULT 1754  
AX498917/c 17 bp DNA linear PAT 27-SEP-2002  
LOCUS AX498917  
DEFINITION Sequence 224 from Patent EP1229046.  
ACCESSION AX498917  
VERSION AX498917.1 GI:23381210  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS 1 Zhan, J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 224 07-AUG-2002;  
Aeomica, Inc. (US)  
FEATURES  
Source 1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 466 GGTCTGGGGTGCCTG 482  
DB 17 GTTCGGGGGTGCTG 1

RESULT 1755  
AX498918/c 17 bp DNA linear PAT 27-SEP-2002  
LOCUS AX498918  
DEFINITION Sequence 225 from Patent EP1229046.  
ACCESSION AX498918  
VERSION AX498918.1 GI:23381211  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS 1 Zhan, J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 225 07-AUG-2002;  
Aeomica, Inc. (US)  
FEATURES  
Source 1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 465 GGCTCCTGGGGTGCCT 481  
DB 17 GGGTCCCGGGGTGCT 1

RESULT 1756  
AX499700/c 17 bp DNA linear PAT 27-SEP-2002  
LOCUS AX499700  
DEFINITION Sequence 1007 from Patent EP1229046.  
ACCESSION AX499700  
VERSION AX499700.1 GI:23381993  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS 1 Zhan, J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 1007 07-AUG-2002;  
Aeomica, Inc. (US)  
FEATURES  
Source 1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4938 CCCCCCAACATGATTC 4954  
DB 17 CCCCCCAAGATGATCC 1

RESULT 1757  
AX500033/c 17 bp DNA linear PAT 27-SEP-2002  
LOCUS AX500033  
DEFINITION Sequence 1340 from Patent EP1229046.  
ACCESSION AX500033  
VERSION AX500033.1 GI:23382326  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS 1 Zhan, J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 1340 07-AUG-2002;  
Aeomica, Inc. (US)  
FEATURES  
Source 1. .17  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3973 ACTCAAGCGCGCGAC 3989  
DB 17 ACTCAAGCGCGCAC 1

RESULT 1758

AX500034/c  
LOCUS AX500034 17 bp DNA linear PAT 27-SEP-2002  
DEFINITION Sequence 1341 from Patent EP1229046.  
ACCESSION AX500034  
VERSION AX500034.1 GI:23382327  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE  
1 Zhan, J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 1341 07-AUG-2002;  
Aeomica, Inc. (US)  
FEATURES  
SOURCE Location/Qualifiers  
1.17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3972 CACTCAAGGCGCGCA 3988  
Db 17 CACTCAAGGCGCGCA 1  
RESULT 1759  
LOCUS AX500036 17 bp DNA linear PAT 27-SEP-2002  
DEFINITION Sequence 1343 from Patent EP1229046.  
ACCESSION AX500036  
VERSION AX500036.1 GI:23382329  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE  
1 Zhan, J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 1343 07-AUG-2002;  
Aeomica, Inc. (US)  
FEATURES  
SOURCE Location/Qualifiers  
1.17  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3970 AGCACTCCAGGCGCGC 3986  
Db 17 ATCACTCCAAAGCGCGC 1  
RESULT 1760  
LOCUS AX530530 17 bp DNA linear PAT 22-NOV-2002  
DEFINITION Sequence 39 from Patent EP1239051.  
ACCESSION AX530530  
VERSION AX530530.1 GI:25252439  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE  
1

AUTHORS Shannon, M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 39 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES  
SOURCE Location/Qualifiers  
1.17  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 380 AAGCTGTGCGACGACG 396  
Db 1 AAGCGTGTGCGACGACG 17  
RESULT 1761  
LOCUS AX530720 17 bp DNA linear PAT 22-NOV-2002  
DEFINITION Sequence 229 from Patent EP1239051.  
ACCESSION AX530720  
VERSION AX530720.1 GI:25253245  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE  
1 Shannon, M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 229 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES  
SOURCE Location/Qualifiers  
1.17  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 4611 CCAGTCCCTCTGAG 4627  
Db 17 CCAGTCCCTCTGAG 1  
RESULT 1762  
LOCUS AX531001 17 bp DNA linear PAT 22-NOV-2002  
DEFINITION Sequence 510 from Patent EP1239051.  
ACCESSION AX531001  
VERSION AX531001.1 GI:25253789  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
REFERENCE  
1 Shannon, M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 510 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES  
SOURCE Location/Qualifiers  
1.17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3638 GCGGAGGAGACCCCGC 3654  
17 GCGGAGGAGACCCCTC 1  
Db

RESULT 1763  
AX531003/c 17 bp DNA linear PAT 22-NOV-2002  
LOCUS  
DEFINITION Sequence 512 from Patent EP1239051.  
ACCESSION AX531003  
VERSION AX531003.1 GI:25253793  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Shannon, M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 512 11-SEP-2002;  
Neomica, Inc. (US)  
FEATURES  
source 1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3636 CCGCGGAGGAGACCCCGC 3652  
17 CTGCGGAGGAGACCCCGC 1  
Db

RESULT 1764  
AX531237 17 bp DNA linear PAT 22-NOV-2002  
LOCUS  
DEFINITION Sequence 746 from Patent EP1239051.  
ACCESSION AX531237  
VERSION AX531237.1 GI:25254265  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Shannon, M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 746 11-SEP-2002;  
Neomica, Inc. (US)  
FEATURES  
source 1. .17  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3048 TTCGAGGAGGAGATCAA 3064  
1 TACCGAGGAGGAGATCAA 17  
Db

RESULT 1765  
AX531572/c 17 bp DNA linear PAT 22-NOV-2002  
LOCUS

DEFINITION Sequence 1081 from Patent EP1239051.  
ACCESSION AX531572  
VERSION AX531572.1 GI:25254913  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Shannon, M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 1081 11-SEP-2002;  
Neomica, Inc. (US)  
FEATURES  
source 1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 817 CGCTGAGGAGAGGAGC 833  
17 CTCTGAGGAGAGGAGAC 1  
Db

RESULT 1766  
AX531573/c 17 bp DNA linear PAT 22-NOV-2002  
LOCUS  
DEFINITION Sequence 1082 from Patent EP1239051.  
ACCESSION AX531573  
VERSION AX531573.1 GI:25254915  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Shannon, M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 1082 11-SEP-2002;  
Neomica, Inc. (US)  
FEATURES  
source 1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 816 CCGCTGAGGAGAGGAGA 832  
17 CCTCTGAGGAGAGGAGA 1  
Db

RESULT 1767  
AX531574/c 17 bp DNA linear PAT 22-NOV-2002  
LOCUS  
DEFINITION Sequence 1083 from Patent EP1239051.  
ACCESSION AX531574  
VERSION AX531574.1 GI:25254917  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Shannon, M.  
TITLE Human posh-like protein 1



JOURNAL Patent: EP 1239051-A 1083 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
source 1..17  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

Qy 815 GCCGCTGGAGGAAGAG 831  
Db 17 GCCTTGAGGACGAG 1

RESULT 1768  
AX531575 17 bp DNA linear PAT 22-NOV-2002  
LOCUS  
DEFINITION Sequence 1084 from Patent EP1239051.  
ACCESSION AX531575  
VERSION AX531575.1 GI:25254919  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Shannon,M.  
TITLE Human posh-1like protein 1  
JOURNAL Patent: EP 1239051-A 1084 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

Qy 814 TGCGCTGGAGGAAGAG 830  
Db 17 TGCTTGAGGACGAG 1

RESULT 1769  
AX531691 17 bp DNA linear PAT 22-NOV-2002  
LOCUS  
DEFINITION Sequence 1200 from Patent EP1239051.  
ACCESSION AX531691  
VERSION AX531691.1 GI:25255167  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Shannon,M.  
TITLE Human posh-1like protein 1  
JOURNAL Patent: EP 1239051-A 1200 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

Qy 4352 CTCGTTGAGGCGCCAT 4368  
Db 1 CTCCTTGAGGCGCCAT 17

RESULT 1770  
AX531935/c 17 bp DNA linear PAT 22-NOV-2002  
LOCUS  
DEFINITION Sequence 1444 from Patent EP1239051.  
ACCESSION AX531935  
VERSION AX531935.1 GI:25255640  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Shannon,M.  
TITLE Human posh-1like protein 1  
JOURNAL Patent: EP 1239051-A 1444 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
source 1..17  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

Qy 749 GACACAGCTCATCGAGT 765  
Db 17 GGTCCAGCTCATCGGT 1

RESULT 1771  
AX531938/c 17 bp DNA linear PAT 22-NOV-2002  
LOCUS  
DEFINITION Sequence 1447 from Patent EP1239051.  
ACCESSION AX531938  
VERSION AX531938.1 GI:25255646  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Shannon,M.  
TITLE Human posh-1like protein 1  
JOURNAL Patent: EP 1239051-A 1447 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

Qy 746 GCTGACCACTCATCG 762  
Db 17 GCAGTTCACGCTCATCG 1

RESULT 1772  
AX531955 17 bp DNA linear PAT 22-NOV-2002  
LOCUS  
DEFINITION Sequence 1464 from Patent EP1239051.  
ACCESSION AX531955

VERSION AX531955.1 GI:25255679  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE 1  
AUTHORS Shannon,M.  
TITLE Human pooh-like protein 1  
JOURNAL Patent: EP 1239051-A 1464 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
source 1..17  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1645 AAAAGAGGAAGGCTC 1661  
DB 1 AAAAGGAGGAAGGCGTC 17

RESULT 1773  
AX532140/c 17 bp DNA linear PAT 22-NOV-2002  
LOCUS AX532140  
DEFINITION Sequence 1649 from Patent EP1239051.  
ACCESSION AX532140  
VERSION AX532140.1 GI:25256065  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE 1  
AUTHORS Shannon,M.  
TITLE Human pooh-like protein 1  
JOURNAL Patent: EP 1239051-A 1649 11-SEP-2002;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 846 CTTGAGGAGGACACGA 862  
DB 17 CTTGGAGGAGACACAGA 1

RESULT 1774  
AX532370 17 bp DNA linear PAT 22-NOV-2002  
LOCUS AX532370  
DEFINITION Sequence 1879 from Patent EP1239051.  
ACCESSION AX532370  
VERSION AX532370.1 GI:25256518  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE 1  
AUTHORS Shannon,M.  
TITLE Human pooh-like protein 1  
JOURNAL Patent: EP 1239051-A 1879 11-SEP-2002;  
Aeomica, Inc. (US)

FEATURES Location/Qualifiers  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 503 CAGCCCAACATGCTCC 519  
DB 1 CAGCCCAACATGCTCC 17

RESULT 1775  
AX580134 17 bp RNA linear PAT 10-JAN-2003  
LOCUS AX580134  
DEFINITION Sequence 1972 from Patent WO0211674.  
ACCESSION AX580134  
VERSION AX580134.1 GI:27649336  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE 1  
AUTHORS Thompson,J., Mcswiggen,J., McKenzie,T., Ayers,D., Szymkowski,D.E.  
TITLE Method and Reagent for the inhibition of calcium activated chloride  
JOURNAL Channel-1 (Clca-1)  
Patent: WO 0211674-A 1972 14-FEB-2002;  
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;  
Thompson, James (US)  
FEATURES Location/Qualifiers  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2812 ATGAGAGGAGTGTGAG 2828  
DB 1 ATGAAAAAGATGTGAG 17

RESULT 1776  
AX648223 17 bp DNA linear PAT 22-MAR-2003  
LOCUS AX648223  
DEFINITION Sequence 63 from Patent EP1273660.  
ACCESSION AX648223  
VERSION AX648223.1 GI:29151041  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE 1  
AUTHORS Gu,Y.  
TITLE Human sodium-hydrogen exchanger like protein 1  
JOURNAL Patent: EP 1273660-A 63 08-JAN-2003;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1430..TCGCGGATTCCTCAGA 1446  
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Db 17 TCTTGGATTCCTTGA 1

RESULT 1777  
LOCUS AX648758 17 bp DNA linear PAT 22-MAR-2003  
DEFINITION Sequence 598 from Patent EP1273660.  
ACCESSION AX648758  
VERSION AX648758.1 GI:29151576  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Gu.Y.  
TITLE Human sodium-hydrogen exchanger like protein 1  
JOURN. Patent: EP 1273660-A 598 08-JAN-2003;  
FEATURES  
source location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1661 CTGCCAGCTCCTGCAGC 1677  
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Db 1 CTGCCATCTCCTGCATC 17

RESULT 1778  
LOCUS AX673570 17 bp DNA linear PAT 27-MAR-2003  
DEFINITION Sequence 2015 from Patent WO0304526.  
ACCESSION AX673570  
VERSION AX673570.1 GI:29331918  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour  
reversion, apoptosis and/or resistance to viruses and their use as  
medicines  
JOURN. Patent: WO 0304526-A 2015 16-JAN-2003;  
FEATURES  
source location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4436 TAATGCCACATGATC 4452  
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Db 17 TAATGCCACATGATC 1

RESULT 1779  
AX687780

LOCUS AX687780 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 512 from Patent EP1281758.  
ACCESSION AX687780  
VERSION AX687780.1 GI:29410476  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Shannon,M., Gu.Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and  
mdz12  
JOURN. Patent: EP 1281758-A 512 05-FEB-2003;  
FEATURES  
source location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 926 GGCCAGGAGTTCCTT 942  
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Db 1 GGCCAGGCGGTTCAT 17

RESULT 1780  
LOCUS AX688454 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 1186 from Patent EP1281758.  
ACCESSION AX688454  
VERSION AX688454.1 GI:29411156  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Shannon,M., Gu.Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and  
mdz12  
JOURN. Patent: EP 1281758-A 1186 05-FEB-2003;  
FEATURES  
source location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 337 TCTTTCCTCCTGAG 353  
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Db 17 TCTTTCCTCCTGAG 1

RESULT 1781  
LOCUS AX688654 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 1386 from Patent EP1281758.  
ACCESSION AX688654  
VERSION AX688654.1 GI:29411356  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Shannon,M., Gu.Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and  
mdz12  
JOURN. Patent: EP 1281758-A 1386 05-FEB-2003;  
FEATURES  
source location/Qualifiers  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

REFERENCE 1  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 1386 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
SOURCE 1.17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3955 CGGTGCTGCACCTCCAG 3971  
Db 17 CGGTGCTGCACCTCCAG 1

RESULT 1782  
AX688655/c 17 bp DNA linear PAT 31-MAR-2003  
LOCUS Sequence 1387 from Patent EP1281758.  
DEFINITION AX688655  
ACCESSION AX688655.1 GI:29411357  
VERSION  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 1387 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
SOURCE 1.17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3954 GCGGTGCTGCACCTCCA 3970  
Db 17 GCGGTGCTGCACCTCCA 1

RESULT 1783  
AX688790/c 17 bp DNA linear PAT 31-MAR-2003  
LOCUS Sequence 1522 from Patent EP1281758.  
DEFINITION AX688790  
ACCESSION AX688790  
VERSION AX688790.1 GI:29411494  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 1522 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
SOURCE 1.17  
/organism="Homo sapiens"

/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4525 GCTGAGCTCTAGCCAC 4541  
Db 17 GCTGAGCTCTAGCCAC 1

RESULT 1784  
AX690585/c 17 bp DNA linear PAT 31-MAR-2003  
LOCUS Sequence 3317 from Patent EP1281758.  
DEFINITION AX690585  
ACCESSION AX690585  
VERSION AX690585.1 GI:29413466  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 3317 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
SOURCE 1.17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1200 CTGAGCTCTGACGAG 1216  
Db 17 CTGAGCTCTGACGAG 1

RESULT 1785  
AX690586/c 17 bp DNA linear PAT 31-MAR-2003  
LOCUS Sequence 3318 from Patent EP1281758.  
DEFINITION AX690586  
ACCESSION AX690586  
VERSION AX690586.1 GI:29413467  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 3318 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
SOURCE 1.17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1199 CTTGAGCTCTGACGA 1215  
Db 11 CTTGAGCTCTGACGA 1

Db 17 CCTGAGCTCTTGAAGA 1

RESULT 1786

LOCUS AX692593 17 bp DNA linear PAT 31-MAR-2003

DEFINITION Sequence 5325 from Patent EP1281758.

ACCESSION AX692593

VERSION AX692593.1 GI:29415551

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.

TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12

JOURNAL Patent: EP 1281758-A 5325 05-FEB-2003;

FEATURES

source location/Qualifiers

1..17

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 904 CGTGACTGCCAGCTCC 920

Db 1 CGCTCAGTCGACGCTCC 17

RESULT 1787

LOCUS AX722598/c 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 285 from Patent WO03025176.

ACCESSION AX722598

VERSION AX722598.1 GI:30423099

KEYWORDS

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE 1

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025176-A 285 27-MAR-2003;

FEATURES

source location/Qualifiers

1..17

/organism="Mus musculus"

/mol\_type="unassigned DNA"

/db\_xref="taxon:10090"

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4758 GGCTGAGAGCAGGATC 4774

Db 17 GGCTGAGAGCTTGGATC 1

RESULT 1788

LOCUS AX722712/c 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 399 from Patent WO03025176.

ACCESSION AX722712

VERSION AX722712.1 GI:30423213

KEYWORDS Mus musculus (house mouse)

SOURCE Mus musculus

ORGANISM Mus musculus

REFERENCE 1

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025176-A 399 27-MAR-2003;

FEATURES

source location/Qualifiers

1..17

/organism="Mus musculus"

/mol\_type="unassigned DNA"

/db\_xref="taxon:10090"

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4826 TCTCCAGTGGAGAGATC 4842

Db 17 TCTCCAGTGGAGATC 1

RESULT 1789

LOCUS AX725344 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 3031 from Patent WO03025176.

ACCESSION AX725344

VERSION AX725344.1 GI:30504687

KEYWORDS

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE 1

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025176-A 3031 27-MAR-2003;

FEATURES

source location/Qualifiers

1..17

/organism="Mus musculus"

/mol\_type="unassigned DNA"

/db\_xref="taxon:10090"

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3714 GATCGCGCGAGGGGCC 3730

Db 1 GATCGCGCGAGGGTAC 17

RESULT 1790

LOCUS AX726887 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 4574 from Patent WO03025176.

ACCESSION AX726887

VERSION AX726887.1 GI:30506230

KEYWORDS

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE 1

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025176-A 4574 27-MAR-2003;

FEATURES

source location/Qualifiers

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/organism="Mus musculus"

/mol\_type="unassigned DNA"

/db\_xref="taxon:10090"

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

AUTHORS Telerman, A., Anson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour  
reversion, apoptosis and/or virus resistance and their use as  
medicines  
JOURNAL Patent: WO 03025176-A 4574 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
SOURCE Location/Qualifiers  
1. .17  
/organism="Mus musculus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10090"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4162 GCTCTCTCTGCCCCAGCT 4178  
DB 1 GATCTCTCTGCCCCAGCT 17

RESULT 1791  
AX727182 17 bp DNA linear PAT 08-MAY-2003  
LOCUS Sequence 4869 from Patent WO03025176.  
AX727182  
VERSION AX727182.1 GI:30506525  
KEYWORDS Mus musculus (house mouse)  
SOURCE Mus musculus  
ORGANISM Mus musculus  
REFERENCE  
AUTHORS Telerman, A., Anson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour  
reversion, apoptosis and/or virus resistance and their use as  
medicines  
JOURNAL Patent: WO 03025176-A 4869 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
SOURCE Location/Qualifiers  
1. .17  
/organism="Mus musculus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10090"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3886 GATCGAATGACACGAC 3902  
DB 1 GATCTGAAATGACACGAC 17

RESULT 1792  
AX727402 17 bp DNA linear PAT 08-MAY-2003  
LOCUS Sequence 5089 from Patent WO03025176.  
AX727402  
VERSION AX727402.1 GI:30506745  
KEYWORDS Mus musculus (house mouse)  
SOURCE Mus musculus  
ORGANISM Mus musculus  
REFERENCE  
AUTHORS Telerman, A., Anson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour  
reversion, apoptosis and/or virus resistance and their use as  
medicines  
JOURNAL Patent: WO 03025176-A 5089 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
SOURCE Location/Qualifiers

source 1. .17  
/organism="Mus musculus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10090"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1250 TCCAGCTCCGACGATC 1266  
DB 17 TCCATGCTCTCAGATC 1

RESULT 1793  
AX727448 17 bp DNA linear PAT 08-MAY-2003  
LOCUS Sequence 5135 from Patent WO03025176.  
AX727448  
VERSION AX727448.1 GI:30506791  
KEYWORDS Mus musculus (house mouse)  
SOURCE Mus musculus  
ORGANISM Mus musculus  
REFERENCE  
AUTHORS Telerman, A., Anson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour  
reversion, apoptosis and/or virus resistance and their use as  
medicines  
JOURNAL Patent: WO 03025176-A 5135 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
SOURCE Location/Qualifiers  
1. .17  
/organism="Mus musculus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10090"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4149 GGACTCTCTGCTGCTC 4165  
DB 17 GGACTCTCGGCTGATC 1

RESULT 1794  
AX727992 17 bp DNA linear PAT 08-MAY-2003  
LOCUS Sequence 5679 from Patent WO03025176.  
AX727992  
VERSION AX727992.1 GI:30507335  
KEYWORDS Mus musculus (house mouse)  
SOURCE Mus musculus  
ORGANISM Mus musculus  
REFERENCE  
AUTHORS Telerman, A., Anson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour  
reversion, apoptosis and/or virus resistance and their use as  
medicines  
JOURNAL Patent: WO 03025176-A 5679 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
SOURCE Location/Qualifiers  
1. .17  
/organism="Mus musculus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10090"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4826 TCTCCAGTGGAGATC 4822  
17 TCCACCAATGGAGATC 1

RESULT 1795  
AX728464  
LOCUS AX728464 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 98 from Patent WO03025175.  
ACCESSION AX728464.1 GI:30507807  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines  
JOURNAL Patent: WO 03025175-A 98 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
source Location/Qualifiers  
1.17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4771 GATCTACCTGGCTTCTC 4787  
1 GATCTACCAAGTTTCTC 17

RESULT 1796  
AX730797/c  
LOCUS AX730797 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 2431 from Patent WO03025175.  
ACCESSION AX730797  
VERSION AX730797.1 GI:30510140  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines  
JOURNAL Patent: WO 03025175-A 2431 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
source Location/Qualifiers  
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/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1e+03; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 692 TGATTAATTCAGTCTTC 708  
17 TAAATTAATTCAGTATC 1

RESULT 1797  
AX730964/c  
LOCUS AX730964 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 2598 from Patent WO03025175.  
ACCESSION AX730964  
VERSION AX730964.1 GI:30510307  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines  
JOURNAL Patent: WO 03025175-A 2598 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
source Location/Qualifiers  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
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Qy 941 TTTTCAACGAGATC 957  
17 TTTTCAACGAGATC 1

RESULT 1798  
AX731661/c  
LOCUS AX731661 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 3295 from Patent WO03025175.  
ACCESSION AX731661  
VERSION AX731661.1 GI:30511004  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines  
JOURNAL Patent: WO 03025175-A 3295 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
source Location/Qualifiers  
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/mol\_type="unassigned DNA"  
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Best Local Similarity 88.2%; Pred. No. 1e+03; Indels 0; Gaps 0;  
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Qy 4800 GGAAGGACGAGAAATC 4816  
17 GGAAGGACGAGATC 1

RESULT 1799  
AX733672/c  
LOCUS AX733672 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 5306 from Patent WO03025175.  
ACCESSION AX733672  
VERSION AX733672.1 GI:30513015  
KEYWORDS

SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines  
JOURNAL WO 03025175-A 5306 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
SOURCE Location/Qualifiers  
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QY 1471 AGTCTGGGAAACTGATC 1487  
Db 17 AGTTGGGAAACAGATC 1

RESULT 1800  
LOCUS AX735005 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 595 from Patent WO03025177.  
ACCESSION AX735005  
VERSION AX735005.1 GI:30514282  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments  
JOURNAL Patent: WO 03025177-A 595 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
SOURCE Location/Qualifiers  
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QY 952 AGAATCCCGAGCGACC 968  
Db 17 AGAATCCCGAGCGATC 1

RESULT 1801  
LOCUS AX737518 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 3108 from Patent WO03025177.  
ACCESSION AX737518  
VERSION AX737518.1 GI:30516806  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour

reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments  
JOURNAL Patent: WO 03025177-A 3108 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
SOURCE Location/Qualifiers  
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QY 2012 GATCAGCCACATCTGTA 2028  
Db 1 GATCAGCCACCTCAGTA 17

RESULT 1802  
LOCUS AX737730 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 3320 from Patent WO03025177.  
ACCESSION AX737730  
VERSION AX737730.1 GI:30517018  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments  
JOURNAL Patent: WO 03025177-A 3320 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
SOURCE Location/Qualifiers  
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Best Local Similarity 88.2%; Pred. No. 1e+03; Mismatches 0; Gaps 0;  
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QY 4436 TAATGCCACATGATC 4452  
Db 17 TAATGCCACAGATC 1

RESULT 1803  
LOCUS AX737754 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 3344 from Patent WO03025177.  
ACCESSION AX737754  
VERSION AX737754.1 GI:30517042  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments  
JOURNAL Patent: WO 03025177-A 3344 27-MAR-2003;  
FEATURES Molecular Engines Laboratories (FR)  
SOURCE Location/Qualifiers  
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Best Local Similarity 88.2%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1597 CAGAGAGGAGAGATC 1613  
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17 CAGAGAGTACAGAGATC 1

RESULT 1804  
AX739235/c 17 bp DNA linear PAT 08-MAY-2003  
LOCUS Sequence 4825 from Patent WO03025177.  
ACCESSION AX739235  
VERSION AX739235.1 GI:30518532  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour  
reversion, apoptosis and/or resistance to viruses and the use  
thereof as medicaments  
JOURNAL Patent: WO 03025177-A 4825 27-MAR-2003;  
Molecular Engines Laboratories (FR)  
location/Qualifiers  
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OY 3701 AGCCAGAGGCTGATC 3717  
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17 ACCCCAGGAGAGCTGATC 1

RESULT 1805  
AX744086/c 17 bp DNA linear PAT 14-MAY-2003  
LOCUS Sequence 51 from Patent WO03031621.  
DEFINITION AX744086  
ACCESSION AX744086  
VERSION AX744086.1 GI:30722753  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Zhang, J.  
TITLE A human G protein coupled receptor  
JOURNAL Patent: WO 03031621-A 51 17-APR-2003;  
Amersham Biosciences (SV) Corp. (US)  
location/Qualifiers  
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FEATURES  
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OY 2189 CCGGTTCCGCGCCCTGG 2205  
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Db 17 CCGGTTCCGCGCCCGG 1

RESULT 1806  
AX745093/c 17 bp DNA linear PAT 14-MAY-2003  
LOCUS Sequence 1058 from Patent WO03031621.  
DEFINITION AX745093  
ACCESSION AX745093  
VERSION AX745093.1 GI:30723760  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Zhang, J.  
TITLE A human G protein coupled receptor  
JOURNAL Patent: WO 03031621-A 1058 17-APR-2003;  
Amersham Biosciences (SV) Corp. (US)  
location/Qualifiers  
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source

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Best Local Similarity 88.2%; Pred. No. 1e+03;  
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OY 4414 ATATATATATATATAT 4430  
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RESULT 1807  
AX759414/c 17 bp DNA linear PAT 25-JUN-2003  
LOCUS Sequence 2735 from Patent WO03040369.  
DEFINITION AX759414  
ACCESSION AX759414  
VERSION AX759414.1 GI:32254030  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in tumoral suppression, tumoral reversion,  
apoptosis and/or viral resistance phenomena and their use as  
medicines  
JOURNAL Patent: WO 03040369-A 2735 15-MAY-2003;  
Molecular Engines Laboratories (FR)  
location/Qualifiers  
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source

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OY 3873 ATCAAGCTTCAGATC 3889  
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17 ATCAAGGTTCCAGATC 1

RESULT 1808  
AX759760/c 17 bp DNA linear PAT 25-JUN-2003  
LOCUS Sequence 3081 from Patent WO03040369.  
DEFINITION AX759760  
ACCESSION AX759760  
VERSION AX759760.1 GI:32254376

KEYWORDS  
SOURCE  
ORGANISM  
Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS  
TITLE  
1 Telerman, A., Amson, R. and Tuijnder, M.  
Sequences involved in tumoral suppression, tumoral reversion,  
apoptosis and/or viral resistance phenomena and their use as  
medicines  
Patent: WO 03040369-A 3081 15-MAY-2003;  
Molecular Engines Laboratories (FR).

JOURNAL  
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17 CGTGCAGTGGCTCGATC 1

RESULT 1809  
LOCUS  
AX761598/c 17 bp DNA linear PAT 25-JUN-2003  
DEFINITION  
Sequence 4919 from Patent WO03040369.  
AX761598  
ACCESSION  
AX761598.1 GI:32256214  
VERSION  
AX761598.1 GI:32256214  
KEYWORDS  
Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS  
TITLE  
1 Telerman, A., Amson, R. and Tuijnder, M.  
Sequences involved in tumoral suppression, tumoral reversion,  
apoptosis and/or viral resistance phenomena and their use as  
medicines  
Patent: WO 03040369-A 4919 15-MAY-2003;  
Molecular Engines Laboratories (FR)

JOURNAL  
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1. .17  
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QY  
Db  
1471 AGTCTGGGAAATGATC 1487  
17 AGTTGGGAAACAGATC 1

RESULT 1810  
LOCUS  
AX761756 17 bp DNA linear PAT 25-JUN-2003  
DEFINITION  
Sequence 5077 from Patent WO03040369.  
AX761756  
ACCESSION  
AX761756.1 GI:32256372  
VERSION  
AX761756.1 GI:32256372  
KEYWORDS  
Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS  
TITLE  
1 Telerman, A., Amson, R. and Tuijnder, M.

TITLE  
Sequences involved in tumoral suppression, tumoral reversion,  
apoptosis and/or viral resistance phenomena and their use as  
medicines  
Patent: WO 03040369-A 5077 15-MAY-2003;  
Molecular Engines Laboratories (FR)

JOURNAL  
FEATURES  
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QY  
Db  
1610 GATCTGCGAGAGAAAT 1626  
1 GATCTGCGAGAGAAAT 17

RESULT 1811  
LOCUS  
AX762751 17 bp DNA linear PAT 25-JUN-2003  
DEFINITION  
Sequence 6072 from Patent WO03040369.  
AX762751  
ACCESSION  
AX762751.1 GI:32257367  
VERSION  
AX762751.1 GI:32257367  
KEYWORDS  
Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS  
TITLE  
1 Telerman, A., Amson, R. and Tuijnder, M.  
Sequences involved in tumoral suppression, tumoral reversion,  
apoptosis and/or viral resistance phenomena and their use as  
medicines  
Patent: WO 03040369-A 6072 15-MAY-2003;  
Molecular Engines Laboratories (FR)

JOURNAL  
FEATURES  
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QY  
Db  
1520 GTTCTACAGCCACACAGA 1536  
1 GATCTACAGCCCGCAGAGA 17

RESULT 1812  
LOCUS  
AX783521 17 bp DNA linear PAT 17-JUL-2003  
DEFINITION  
Sequence 1852 from Patent WO03050284.  
AX783521  
ACCESSION  
AX783521.1 GI:32951370  
VERSION  
AX783521.1 GI:32951370  
KEYWORDS  
Homo sapiens (human)  
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS  
TITLE  
1 Guo, J.  
Human prostate cancer candidate protein 1  
Patent: WO 03050284-A 1852 19-JUN-2003;  
Amersham Biosciences (SV) Corp. (US)

JOURNAL  
FEATURES  
source  
1. .17  
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/mol\_type="unassigned DNA"



PI HIDEOTOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI PI  
MATSUMURA,  
PI SHOGO MORIYA, MICHIO NISHIDA  
PC C1201/58, C12M1/00, C12N15/09, G01N33/53  
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FH Key Location/Qualifiers  
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1..17  
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OY 1528 GCCACAGAAATCTG 1544  
1 GCCAGAGAACATCTG 17

RESULT 1817  
A26385 18 bp DNA linear PAT 07-APR-1995  
LOCUS A26385  
DEFINITION probe no.3.  
ACCESSION A26385  
VERSION A26385.1 GI:904942  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 18)  
AUTHORS  
TITLE ANTIGEN PROCESSING  
JOURNAL Patent: WO 9211289-A 11 09-JUL-1992;  
FEATURES  
Location/Qualifiers  
1..18  
/organism="synthetic construct"  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4894 CCTCCTGAGCTGGCA 4910  
1 CCTCCTGAGCTGGCA 17

RESULT 1818  
A26386 18 bp DNA linear PAT 07-APR-1995  
LOCUS A26386  
DEFINITION probe no.4.  
ACCESSION A26386  
VERSION A26386.1 GI:904943  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 18)  
AUTHORS  
TITLE ANTIGEN PROCESSING  
JOURNAL Patent: WO 9211289-A 12 09-JUL-1992;  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4894 CCTCCTGAGCTGGCA 4910  
1 CCTCCTGAGCTGGCA 17

RESULT 1819  
A67594/c 18 bp DNA linear PAT 05-MAY-1999  
LOCUS A67594  
DEFINITION Sequence 14 from Patent WO9744485.  
ACCESSION A67594  
VERSION A67594.1 GI:4756457  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Goodfellow, P.N.  
TITLE METHODS FOR IDENTIFYING A MUTATION IN A GENE OF INTEREST  
JOURNAL Patent: WO 9744485-A 14 27-NOV-1997;  
HEXAGEN TECHNOLOGY LIMITED (GB)  
FEATURES  
Location/Qualifiers  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3920 GACGCCGCGCGCCG 3936  
17 GCCGCCGCGCGCCG 1

RESULT 1820  
A67596/c 18 bp DNA linear PAT 05-MAY-1999  
LOCUS A67596  
DEFINITION Sequence 16 from Patent WO9744485.  
ACCESSION A67596  
VERSION A67596.1 GI:4756459  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Goodfellow, P.N.  
TITLE METHODS FOR IDENTIFYING A MUTATION IN A GENE OF INTEREST  
JOURNAL Patent: WO 9744485-A 16 27-NOV-1997;  
HEXAGEN TECHNOLOGY LIMITED (GB)  
FEATURES  
Location/Qualifiers  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1712 CGACATGATCACCATCT 1728  
18 CGACATGATCACCATCT 2

RESULT 1821  
A89489 18 bp DNA linear PAT 22-JAN-2000  
LOCUS A89489  
DEFINITION Sequence 1637 from Patent WO9833904.  
ACCESSION A89489

VERSION AR9489.1 GI:6738059  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Brysch,W. and Schlingensiepen,K.  
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD  
JOURNAL Patent: WO 983904-A 1637 06-AUG-1998;  
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)  
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Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
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QY 2833 AGCTGCTGTGAAGTT 2849  
Db 1 AGCTGCTGTGTAGTT 17

RESULT 1822  
LOCUS AR019554 18 bp DNA linear PAT 05-DEC-1998  
DEFINITION Sequence 39 from patent US 5783666.  
ACCESSION AR019554  
VERSION AR019554.1 GI:3974668  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Albertsen,H., Anand,R., Carlson,M., Groden,J., Hedge,P.,John.,  
Joslyn,G., Kinzler,K., Markham,A.,Fred., Nakamura,Y., Thliveris,A.,  
Vogelstein,B. and White,R.L.  
TITLE APC (adenomatous polyposis coli) protein  
JOURNAL Patent: US 5783666-A 39 21-JUL-1998;  
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Location/Qualifiers  
source 1..18  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3792 AGGCGCGCGCGCGGA 3808  
Db 17 AGAGCGCGAGCGCGGA 1

RESULT 1823  
LOCUS AR036682 18 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 21 from patent US 5800811.  
ACCESSION AR036682  
VERSION AR036682.1 GI:5954538  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Hall,F.L., Nimi,M.E., Tuan,T.-L., Wu,L. and Cheung,D.T.  
TITLE Artificial skin prepared from collagen matrix containing  
transforming growth factor- $\beta$  having a collagen binding site  
JOURNAL Patent: US 5800811-A 21 01-SEP-1998;  
FEATURES  
Location/Qualifiers  
source 1..18  
/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCTCATCATCA 2928  
Db 1 CATCATCATCATCA 17

RESULT 1824  
LOCUS AR039070 18 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 36 from patent US 5807730.  
ACCESSION AR039070  
VERSION AR039070.1 GI:5958433  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Ito,K., Yamaki,T., Arai,T., Tsuruoka,M. and Nakamura,T.  
TITLE Nitrite hydratase  
JOURNAL Patent: US 5807730-A 36 15-SEP-1998;  
FEATURES  
Location/Qualifiers  
source 1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3283 TGCCCTGCACGTGAAG 3299  
Db 2 TGCCCTGCACGACAG 18

RESULT 1825  
LOCUS AR071250 18 bp DNA linear PAT 18-FEB-2000  
DEFINITION Sequence 36 from patent US 5910432.  
ACCESSION AR071250  
VERSION AR071250.1 GI:7222138  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Ito,K., Yamaki,T., Arai,T., Tsuruoka,M. and Nakamura,T.  
TITLE Nitrite hydratase  
JOURNAL Patent: US 5910432-A 36 08-JUN-1999;  
FEATURES  
Location/Qualifiers  
source 1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3283 TGCCCTGCACGTGAAG 3299  
Db 2 TGCCCTGCACGACAG 18

RESULT 1826  
LOCUS AR073428 18 bp DNA linear PAT 28-AUG-2000  
DEFINITION Sequence 68 from patent US 5951455.  
ACCESSION AR073428  
VERSION AR073428.1 GI:10000192

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Cowse, L.M.  
TITLE Antisense modulation of G-alpha-11 expression  
JOURNAL Patent: US 5951455-A 68 14-SEP-1999;  
FEATURES Location/Qualifiers  
source 1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1998 GAGCAGCGAAGCCGAT 2014  
DB 17 GACAACGAGAACCGAT 1

RESULT 1827  
AR089732/c 18 bp DNA linear PAT 07-SEP-2000  
LOCUS  
DEFINITION Sequence 14 from patent US 5994075.  
ACCESSION AR089732  
VERSION AR089732.1 GI:10016487  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 16)  
AUTHORS Goodfellow, P.N.  
TITLE Methods for identifying a mutation in a gene of interest without a  
phenotypic guide  
JOURNAL Patent: US 5994075-A 14 30-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..18  
/organism="unknown"  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3920 GAGCGCGCGCGCGCGC 3936  
DB 17 GCCGCGCGCGCGCGCGC 1

RESULT 1828  
AR089734/c 18 bp DNA linear PAT 07-SEP-2000  
LOCUS  
DEFINITION Sequence 16 from patent US 5994075.  
ACCESSION AR089734  
VERSION AR089734.1 GI:10016489  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Goodfellow, P.N.  
TITLE Methods for identifying a mutation in a gene of interest without a  
phenotypic guide  
JOURNAL Patent: US 5994075-A 16 30-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1712 CGACATGATCACCATCT 1728  
DB 18 CGACATGATCACCATCT 2

RESULT 1829  
AR095807 18 bp DNA linear PAT 08-SEP-2000  
LOCUS  
DEFINITION Sequence 28 from patent US 6004814.  
ACCESSION AR095807  
VERSION AR095807.1 GI:10024024  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Bennett, C.Frank, and Cowse, L.M.  
TITLE Antisense modulation of CD71 expression  
JOURNAL Patent: US 6004814-A 28 21-DEC-1999;  
FEATURES Location/Qualifiers  
source 1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4692 CTGTTCTGTCACGTTT 4708  
DB 1 CTGTTCTGTCACGTTT 17

RESULT 1830  
AR096635 18 bp DNA linear PAT 08-SEP-2000  
LOCUS  
DEFINITION Sequence 19 from patent US 6008048.  
ACCESSION AR096635  
VERSION AR096635.1 GI:10025606  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Monia, B.P. and Cowse, L.M.  
TITLE Antisense inhibition of EGR-1 expression  
JOURNAL Patent: US 6008048-A 19 28-DEC-1999;  
FEATURES Location/Qualifiers  
source 1..18  
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Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1503 GATGCTTCTGAGACAA 1519  
DB 2 GATGCTTCTGAGACAA 18

RESULT 1831  
AR098789 18 bp DNA linear PAT 14-FEB-2001  
LOCUS  
DEFINITION Sequence 44 from patent US 607672.  
ACCESSION AR098789  
VERSION AR098789.1 GI:12808555  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)  
AUTHORS Montia,B.P. and Cowsett,L.M.  
TITLE Antisense modulation of TRAD expression  
JOURNAL Patent: US 6077672-A 44 20-JUN-2000;  
FEATURES Location/Qualifiers  
SOURCE 1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3920 GAGCGCGCGCGCGCGC 3936  
Db 17 GAAGCCGCGCGCGCGC 1

RESULT 1832  
LOCUS AR106786 18 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 34 from patent US 6107091.  
ACCESSION AR106786  
VERSION AR106786.1 GI:12821316  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Cowsett,L.M.  
TITLE Antisense inhibition of G-alpha-16 expression  
JOURNAL Patent: US 6107091-A 34 22-AUG-2000;  
FEATURES Location/Qualifiers  
SOURCE 1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 314 AGGAGTTCCTCCGACG 330  
Db 18 AGGAGTTCCTCCGACG 2

RESULT 1833  
LOCUS AR109515 18 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 39 from patent US 6114124.  
ACCESSION AR109515  
VERSION AR109515.1 GI:12825791  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Albertsen,H., Anand,R., Carlson,M., Groden,J., Hedge,P.,John., Joslyn,G., Kinzler,K., Markham,A.,Fred., Nakamura,Y., Thliveris,A., Vogelstein,B. and White,R.L.  
TITLE Detection of APC proteins  
JOURNAL Patent: US 6114124-A 39 05-SEP-2000;  
FEATURES Location/Qualifiers  
SOURCE 1..18  
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/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3792 AGGCGCGCGCGCGGGA 3808  
Db 11 ||||| ||||| |||||

Db 17 AGAGCGGAGCGCGGGA 1

RESULT 1834  
LOCUS AR147393 18 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 7 from patent US 6221591.  
ACCESSION AR147393  
VERSION AR147393.1 GI:15111196  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Aerts,J.M.F.G.  
TITLE Determination of a genetic risk factor for infection and other diseases, and detection of activated phagocytes  
JOURNAL Patent: US 6221591-A 7 24-APR-2001;  
FEATURES Location/Qualifiers  
SOURCE 1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4751 ATGGCTAGCGCTGAGAC 4767  
Db 2 AAGGCAAGCGCTGAGAC 18

RESULT 1835  
LOCUS AR169797 18 bp DNA linear PAT 17-DEC-2001  
DEFINITION Sequence 15 from patent US 6291195.  
ACCESSION AR169797  
VERSION AR169797.1 GI:117907705  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Salon,J.A., Laz,T.M., Nagorny,R. and Wilson,A.E.  
TITLE DNA encoding a human melanin concentrating hormone receptor (MCH1) and uses thereof  
JOURNAL Patent: US 6291195-A 15 18-SEP-2001;  
FEATURES Location/Qualifiers  
SOURCE 1..18  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1486 TCATTAGAAAGTCCAG 1502  
Db 17 TCCTGAAGAAGTCCAG 1

RESULT 1836  
LOCUS AR173239 18 bp DNA linear PAT 17-DEC-2001  
DEFINITION Sequence 5 from patent US 6303770.  
ACCESSION AR173239  
VERSION AR173239.1 GI:17912730  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Lok,S., Conklin,D.C. and Parrish,J.E.

TITLE Nucleic acid encoding mammalian alpha helical protein-1  
JOURNAL Patent: US 6303770-A 5 16-OCT-2001;  
Location/Qualifiers  
source 1.18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1686 AACACGACTCAGACCA 1702  
DB 17 AACACGACTCAGACCA 1

RESULT 1837  
BD181169/c 18 bp DNA linear PAT 15-MAY-2003  
LOCUS Human DNA mismatch repair proteins.  
DEFINITION BD181169  
ACCESSION BD181169.1 GI:30792087  
KEYWORDS JP 2002325588-A/73.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Haseltine, W.A., Ruben, S.M., Wei, Y.F., Adams, M.D., Fleischmann, R.D.,  
Fraser, C.M., Fuldner, R.A., Kirkness, E.F. and Rosen, C.A.  
TITLE Human DNA mismatch repair proteins  
JOURNAL Patent: JP 2002325588-A 73 12-NOV-2002;  
COMMENT HUMAN GENOME SCIENCES INC  
OS Artificial Sequence  
PN JP 2002325588-A/73  
PD 12-NOV-2002  
PR 25-JAN-2002 JP 2002016830  
PR 27-JAN-1994 US 08/187757, 16-MAR-1994 US 08/210143 PR  
23-AUG-1994 US 08/294312  
PI WILLIAM A HASELTINE, STEVEN M RUBEN, YING FEI WEI, MARK D ADAMS,  
PI ROBERT D FLEISCHMANN, CLAIRE M FRASER, REBECCA A FULDNER, EMMEN F  
PI KIRKNESS,  
PI CRAIG A ROSEN  
PC C12N15/09, C07K14/47, C12P21/02, C12Q1/68// (C12P21/02, C12R1:19),  
PC C12N15/00  
CC primer useful for amplifying codons 347 of 377 of hMLH3 FH  
KEY Location/Qualifiers  
FT source 1.18  
Location/Qualifiers  
1.18  
/organism="Artificial Sequence".  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

FEATURES  
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Location/Qualifiers  
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/mol\_type="genomic DNA"  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4085 TCAGTAGCTGCCACTG 4101  
DB 17 TCAGTAGCTGCCACTG 1

RESULT 1838  
BD195477 18 bp DNA linear PAT 17-JUL-2003  
LOCUS Methods for cleaving DNA with nucleotide integrases.  
DEFINITION BD195477  
ACCESSION BD195477.1 GI:33005247  
KEYWORDS JP 2002515759-A/7.  
SOURCE Saccharomyces cerevisiae (baker's yeast)  
ORGANISM Saccharomyces cerevisiae  
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;

Saccharomycetales; Saccharomycetaceae; Saccharomyces.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Lambowitz, A.M., Zimmerly, S., Guo, H., Mohr, G. and Beal, C.J.  
TITLE Methods for cleaving DNA with nucleotide integrases  
JOURNAL Patent: JP 2002515759-A 7 28-MAY-2002;  
THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION  
OS Saccharomyces cerevisiae (yeast)  
PN JP 2002515759-A/7  
PD 28-MAY-2002  
PR 27-FEB-1998 JP 1998537934  
PR 28-FEB-1997 US 60/039220  
PI ALAN M LAMBOWITZ, STEVE ZIMMERLY, HUATAO GUO, GEORG MOHR, CLIFFORD

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCTCATCAGCATCA 2928  
DB 1 CATCTCATCAGCATCA 17

RESULT 1839  
BD224142 18 bp DNA linear PAT 17-JUL-2003  
LOCUS Novel method for vaccine injection for therapeutic purpose.  
DEFINITION BD224142  
ACCESSION BD224142.1 GI:33033912  
KEYWORDS JP 2002526419-A/8.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Steinaa, L., Mouritsen, S., Nielsen, K.G., Haaning, J., Leach, D.,  
Dalum, I., Gautam, A., Birk, P. and Karlsson, G.  
TITLE Novel method for vaccine injection for therapeutic purpose  
JOURNAL Patent: JP 2002526419-A 8 20-AUG-2002;  
M AND E BIOTECH AS  
OS Artificial Sequence  
PN JP 2002526419-A/8  
PD 20-AUG-2002  
PR 05-OCT-1999 JP 2000573386  
PR 05-OCT-1998 DK PA 199801261, 20-OCT-1998 US 60/105011 PI  
LUCILLA STEINAA, SOREN MOURITSEN, KLAUS GREGORIUS NIELSEN, JESPER  
PI HAANING,  
PI DANNA LEACH, IBEN DALUM, ANAND GAUTAM, PETER BIRK, GUNILLA KARLSSON  
PC A61K39/00, A61K39/39, A61P15/00, A61P35/00, C07K14/47, C07K16/18//  
PC C12N15/09,  
PC C12N15/00  
CC Description of Artificial Sequence: Artificial His tag FH  
KEY Location/Qualifiers  
FT CDS (1)..(18).  
Location/Qualifiers  
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FEATURES  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;



QY 2912 CATCATCATCATCA 2928  
 DB 1 CATCATCATCATCA 17

RESULT 1840  
 BD24993/c  
 LOCUS 18 bp DNA linear PAT 17-JUL-2003  
 DEFINITION Antisense modulation of expression of tumor necrosis factor receptor-associated factor (TRAF).

ACCESSION BD24993  
 VERSION BD24993.1 GI:33034763  
 KEYWORDS JP 2002526095-A/128.  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 1 (bases 1 to 18)

REFERENCE  
 AUTHORS Baker,B.F., Cowser,L.M., Monia,B.P. and Xu,X.S.  
 TITLE Antisense modulation of expression of tumor necrosis factor receptor-associated factor (TRAF)  
 JOURNAL Patent: JP 2002526095-A 128 20-AUG-2002;  
 COMMENT ISIS PHARMACEUTICALS INC  
 OS JP 2002526095-A/128  
 PD 20-AUG-2002  
 PR 05-OCT-1999 JP 2000574546  
 PI BREDA,B.F., BRETT P MONIA, XIAOXING S XU PC  
 C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P35/04,C12N15/00 CC  
 anti-sense sequence

FEATURES  
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 /db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
 Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3520 TGCTCTGAGGACCTG 3536  
 DB 17 TGCTCTGAGGACCTG 1

RESULT 1841  
 BD250752/c  
 LOCUS 18 bp DNA linear PAT 17-JUL-2003  
 DEFINITION Identification of genetic targets for modulation by oligonucleotides and generation of oligonucleotides for gene modulation.

ACCESSION BD250752  
 VERSION BD250752.1 GI:33060522  
 KEYWORDS JP 2002511276-A/306.  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 1 (bases 1 to 18)

REFERENCE  
 AUTHORS Cowser,L.M., Baker,B.F., McNeil,J., Freier,S.M., Sasmer,H.M., Brooks,D.G., Onishi,C., Wyatt,J.R., Borchers,A.H. and Vlkars,T.A.  
 TITLE Identification of genetic targets for modulation by oligonucleotides and generation of oligonucleotides for gene modulation  
 JOURNAL Patent: JP 2002511276-A 306 16-APR-2002;  
 COMMENT ISIS PHARMACEUTICALS INC  
 OS Artificial Sequence  
 PN JP 2002511276-A/306  
 PD 16-APR-2002  
 PF 13-APR-1999 JP 2000543647

PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 PI  
 LEX M COWSERT,BRENDA F BAKER,JOHN MCNEIL,SUSAN M FREIER,HENRI PI  
 M SASMER,  
 PI DOUGLAS G BROOKS,CARA OHASI,JACQUELINE R WYATT,ALEXANDER H PI  
 BORCHERS,  
 PI TIMOTHY A VIKKARS  
 PC C12N15/09,C07B61/00,C07B61/00,C12Q1/68,G06F17/30,G06F17/50, PC  
 C12N15/00

CC Antisense Oligonucleotide  
 FH Key  
 FT source 1.18  
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 /db\_xref="taxon:32630"

FEATURES  
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 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1998 GAGCAGGAGACCGAT 2014  
 DB 17 GAGCAGGAGACCGAT 1

RESULT 1842  
 BD274507/c  
 LOCUS 18 bp DNA linear PAT 17-JUL-2003  
 DEFINITION DNA encoding human melanin-concentrating-hormone receptor (MCH1), and use thereof.

ACCESSION BD274507  
 VERSION BD274507.1 GI:33084275  
 KEYWORDS JP 2002533116-A/13.  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 1 (bases 1 to 18)

REFERENCE  
 AUTHORS Salom,J.A., Laz,T.M., Nagorny,R. and Wilson,A.E.  
 TITLE DNA encoding human melanin-concentrating-hormone receptor (MCH1), and use thereof  
 JOURNAL Patent: JP 2002533116-A 13 08-OCT-2002;  
 COMMENT SYNAPTIC PHARMACEUTICAL CORP  
 OS Artificial Sequence  
 PN JP 2002533116-A/13  
 PD 08-OCT-2002  
 PR 30-DEC-1999 JP 2000591172  
 PI JOHN A SALON,THOMAS W LAZ,RAISA NAGORNY,AMY E WILSON PC  
 C12N15/09,A61K31/7088,A61K45/00,A61K48/00,A61P1/00,A61P3/10, PC  
 A61P3/12,  
 PC A61P5/06,A61P9/00,A61P9/12,A61P11/00,A61P11/06,A61P15/00, PC  
 A61P21/00  
 PC A61P25/00,A61P25/02,A61P25/04,A61P25/06,A61P25/36,A61P37/00,  
 PC A61P43/00.  
 PC C07K14/72,C07K16/28,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12P21/ PC  
 02,  
 PC C12P21/08,C12Q1/02,C12Q1/68,G01N33/45,G01N33/50,G01N33/53, PC  
 G01N33/566,  
 PC C12N15/00,C12N5/00  
 CC Description of Artificial Sequence: primer/probe FH Key  
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 Location/Qualifiers  
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FEATURES  
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 Location/Qualifiers  
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 /mol\_type="genomic DNA"  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;

	Best Local Similarity	88.2%	Pred. No. 1-le+03:			
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					Indels	0;
					Gaps	0;
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Db	17	TCGTAGAGTCCAG	1			

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/note="Description of artificial sequence: Amplicon
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/organism="synthetic construct"  
/mol_type="unassigned DNA"  
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LOCUS	E14120	18 bp	DNA	linear	PAT 28-JUL-1999
DEFINITION	E14120	PCR primer for producing	mutated	<i>Pseudonocardia nitridilydratae</i> .	
ACCESSION	E14120				
VERSION	E14120.1	GI:5708803			
KEYWORDS	JP 1997275978-A/34.				
SOURCE	unidentified				

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1.18 Location/Qualifiers
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JOURNAL	Patent: JP 199934191-A 3 14-DEC-1999; ITO HAM KK, UJZO UDAKA
COMMENT	OS Artificial Sequence

**RESULT 1845**

PC C07K19/00, (C12N15/09, C12R1:08), (C12N1/21, C12R1:08), (C12P21/02, C12R1:08),  
PC C12N15/00, (C12N15/00, C12R1:08)  
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FT /organism='Artificial Sequence'.  
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/db\_xref="taxon:32630"

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Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2912 CATCTCATCATCATCA 2928  
Db 1 CATCATCATCATCATCA 17

RESULT 1847  
E39158 18 bp DNA linear PAT 18-JUN-2001  
LOCUS E39158  
DEFINITION DNA encoding novel fused protein and process for producing useful  
protein mediating the expression thereof.  
ACCESSION E39158  
VERSION E39158.1 GI:130129232  
KEYWORDS JP 199341991-A/4.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 18)  
Seiji, S., Masahiko, H., Toshiyuki, K. and Masaaki, K.  
DNA encoding novel fused protein and process for producing useful  
protein mediating the expression thereof  
Patent: JP 199341991-A 4 14-DEC-1999;  
JOURNAL ITO HAM KK, UZUO UDAKA  
OS Artificial Sequence  
PN JP 199341991-A/4  
PD 14-DEC-1999  
PF 30-MAR-1999 JP 199089488

COMMENT  
PC SEIJI SATO, MASAHIKO HIGASHIKUJI, TOSHIYUKI KUDO, MASAHIKI KONDO  
PC C12N15/09, C12N1/21, C12P21/02, C12P21/02//C07K14/605, C07K14/62,  
PC C07K14/655,  
PC C07K19/00, (C12N15/09, C12R1:08), (C12N1/21, C12R1:08), (C12P21/02,  
PC C12R1:08),  
PC C12N15/00, (C12N15/00, C12R1:08)  
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FH Key Location/Qualifiers  
FT source 1..18  
FT /organism='Artificial Sequence'.  
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Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2912 CATCTCATCATCATCA 2928  
Db 18 CATCATCATCATCATCA 2

RESULT 1848  
117768 18 bp DNA linear PAT 07-OCT-1996  
LOCUS 117768  
DEFINITION Sequence 14 from patent US 5494806.

ACCESSION 117768  
VERSION 117768.1 GI:1598123  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
Segre, G.V., Kronenberg, H.M., Abou-Samra, A.-B., Juppner, H.,  
AUTHORS Potter, J.T., Jr. and Schipani, E.  
TITLE DNA and vectors encoding the parathyroid hormone receptor,  
transformed cells, and recombinant production of PTHr proteins and  
peptides  
Patent: US 5494806-A 14 27-FEB-1996;  
JOURNAL  
FEATURES  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2905 ACCGACATCTCATC 2921  
Db 18 ACCGACATCTCATC 2

RESULT 1849  
140128 18 bp DNA linear PAT 13-MAY-1997  
LOCUS 140128  
DEFINITION Sequence 10 from patent US 5618711.  
ACCESSION 140128  
VERSION 140128.1 GI:2083133  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
Gelland, D.H., Lawyer, F.C. and Stoffel, S.  
TITLE Recombinant expression vectors and purification methods for Thermus  
thermophilus DNA polymerase  
Patent: US 5618711-A 10 08-APR-1997;  
JOURNAL  
FEATURES  
source Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3884 CAGATCGAATCAACC 3900  
Db 1 CAGATCGAATCAACC 17

RESULT 1850  
142651 18 bp DNA linear PAT 07-OCT-1997  
LOCUS 142651  
DEFINITION Sequence 41 from patent US 5629413.  
ACCESSION 142651  
VERSION 142651.1 GI:2468146  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
Peterson, T.C. and Velarde, J. Jr.  
TITLE Oligonucleotides with activity against human immunodeficiency virus  
Patent: US 5629413-A 41 13-MAY-1997;  
JOURNAL  
FEATURES  
source Location/Qualifiers  
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/organism="unknown"



Query Match	0.3%	Score 13.8;	DB 1;	Length 18;
Best Local Similarity	88.2%;	Pred. No. 1.1e+03;		
Matches 15;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;
OY	3792 AGGCGCGCCGGCGGGA	3808		
Db	17 AGAGCGCGACGGCGGGA	1		
RESULT 1856				
LOCUS	I76463	18 bp	DNA	linear PAT 03-APR-1998
DEFINITION	Sequence 39 from patent US 5691454.			
VERSION	I76463			
KEYWORDS	I76463.1 GI:3012617			
SOURCE	Unknown.			
ORGANISM	Unknown.			
REFERENCE	Unclassified.			
AUTHORS	1 (bases 1 to 18) Albertsen,H., Anand,R., Carlson,M., Groden,J., Hedge,P.John., Joeligen,G., Knizler,K., Matham,A.Fred., Nakamura,Y., Thilveris,A., Vogelstein,B. and White,R.L. Vogelstein,B. and White,R.L. APC antibodies Patent: US 5691454-A 39 25-NOV-1997; Location/Qualifiers . .18 /mol_type="unknown"			
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Query Match	0.3%	Score 13.8;	DB 1;	Length 18;
Best Local Similarity	88.2%;	Pred. No. 1.1e+03;		
Matches 15;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;
OY	3792 AGGCGCGCCGGCGGGA	3808		
Db	17 AGAGCGCGACGGCGGGA	1		
RESULT 1857				
LOCUS	ARI92859	18 bp	DNA	linear PAT 20-APR-2002
DEFINITION	Sequence 8347 from patent US 6346398.			
ACCESSION	ARI92859			
VERSION	ARI92859.1 GI:20238824			
KEYWORDS	Unknown.			
SOURCE	Unknown.			
ORGANISM	Unclassified.			
AUTHORS	1 (bases 1 to 18) Payco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J. Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 8347 12-FEB-2002; Location/Qualifiers . .18 /mol_type="unknown"			
JOURNAL FEATURES	source			
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Best Local Similarity	88.2%;	Pred. No. 1.1e+03;		
Matches 15;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;
OY	3220 GCTCCAGCATCACTGAA	3236		
Db	2 GCTCCAGCTTCCCTGAA	18		
RESULT 1858				
LOCUS	ARI96700	18 bp	DNA	linear PAT 20-APR-2002
DEFINITION	Sequence 1165 from patent US 6350934.			
ACCESSION	ARI96700			

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VERSION      AR196700.1  GI:20246137
KEYWORDS
SOURCE
ORGANISM     Unknown.
              Unclasnified.
REFERENCE    1 (bases 1 to 18)
              Zwick,M.G., Edington,B.E., McSwigen,J.A., Merlo,P,Ann.Owens,,
AUTHORS      Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.
TITLE        Nucleic acid encoding delta-9 desaturase
JOURNAL      Patent: US 6350934-A 1165 26-FEB-2002;
              location/Qualifiers
FEATURES
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    /mol_type="unassigned DNA"

Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3917  CCCGACCCCGCGCGCCG 3933
Db      2      CCCGCGCGCGCGCGCCG 18
              |||||
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              |||||
              |||||
              |||||

RESULT 1859
LOCUS      AR198571      18 bp      DNA      PAT 20-APR-2002
DEFINITION Sequence 21 from patent US 6352972.
ACCESSION  AR198571
VERSION     AR198571.1  GI:20248420
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
              Unclasnified.
REFERENCE    1 (bases 1 to 18)
AUTHORS      Nimi,M.E., Hall,F.L., Wu,L., Han,B. and Shors,E.C.
TITLE        Bone morphogenetic proteins and their use in bone growth
JOURNAL      Patent: US 6352972-A 21 05-MAR-2002;
              location/Qualifiers
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Query Match      0.3%; Score 13.8; DB 1; Length 18;
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2912  CATCTCATCAGCATCA 2928
Db      1      CATCATCATCATCATCA 17
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              |||||
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RESULT 1860
LOCUS      AR199858/c      18 bp      DNA      PAT 20-APR-2002
DEFINITION Sequence 30 from patent US 6355483.
ACCESSION  AR199858
VERSION     AR199858.1  GI:20249932
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
              Unclasnified.
REFERENCE    1 (bases 1 to 18)
AUTHORS      Bennett,C.Frank. and Cowert,L.M.
TITLE        Antisense inhibition of SRC-2 expression
JOURNAL      Patent: US 6355483-A 30 12-MAR-2002;
              location/Qualifiers
FEATURES
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    /mol_type="unassigned DNA"

Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TGACAGCCAGACAGA 2700  
17 TGACAGCCAGACAGA 1

RESULT 1861  
AR211215/c  
LOCUS AR211215 18 bp DNA  
DEFINITION Sequence 128 from patent US 6399297.  
ACCESSION AR211215  
VERSION AR211215.1 GI:21514478  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Baker,B.F., Cowser,L.M., Monia,B.P. and Xu,X.S.  
TITLE Antisense modulation of expression of tumor necrosis factor receptor-associated factors (TRAFs)  
JOURNAL Patent: US 6399297-A 128 04-JUN-2002;  
FEATURES  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3520 TGGCTCAGAGGAGCTG 3536  
17 TGGCTCAGAGGAGCTG 1

RESULT 1862  
AR217028/c  
LOCUS AR217028 18 bp mRNA  
DEFINITION Sequence 39 from patent US 6413727.  
ACCESSION AR217028  
VERSION AR217028.1 GI:23316385  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Albertsen,H., Anand,R., Carlson,M., Groden,J., Hedge,P.J., Joslyn,G., Kinzler,K., Markham,A.F., Nakamura,Y., Thliveris,A., Vogelstein,B. and White,R.L.  
TITLE Diagnosis for mutant APC by immunosassay  
JOURNAL Patent: US 6413727-A 39 02-JUL-2002;  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3792 AGGCGCGCGCGGGA 3808  
17 AGGCGCGCGCGGGA 1

RESULT 1863  
AR217736/c  
LOCUS AR217736 18 bp DNA  
DEFINITION Sequence 76 from patent US 6416984.  
ACCESSION AR217736  
VERSION AR217736.1 GI:23317607  
KEYWORDS

SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Haseltine,W.A., Ruben,S.M., Wei,Y.-F., Adams,M.D., Fleischmann,R.D., Fraser,C.M., Fuldner,R.A., Kirkness,E.F. and Rosen,C.A.  
TITLE Human DNA mismatch repair proteins  
JOURNAL Patent: US 6416984-A 76 09-JUL-2002;  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4085 TCAGTACGCTGCCACTG 4101  
17 TCAGTACGCTGCCACTG 1

RESULT 1864  
AR274624  
LOCUS AR274624 18 bp DNA  
DEFINITION Sequence 8 from patent US 6506595.  
ACCESSION AR274624  
VERSION AR274624.1 GI:29707158  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Sato,S., Higashikuni,N., Kudo,T. and Kondo,M.  
TITLE DNA encoding new fusion proteins and processes for preparing useful polypeptides through expression of the DNAs  
JOURNAL Patent: US 6506595-A 8 14-JAN-2003;  
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/organism="unknown"  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCTCATCAGCATCA 2928  
1 CATCTCATCAGCATCA 17

RESULT 1865  
AR274625/c  
LOCUS AR274625 18 bp DNA  
DEFINITION Sequence 9 from patent US 6506595.  
ACCESSION AR274625  
VERSION AR274625.1 GI:29707159  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Sato,S., Higashikuni,N., Kudo,T. and Kondo,M.  
TITLE DNA encoding new fusion proteins and processes for preparing useful polypeptides through expression of the DNAs  
JOURNAL Patent: US 6506595-A 9 14-JAN-2003;  
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/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2912 CATCTCATGACATCA 2928  
18 CATCATCATCATCATCA 2

Db 18 CATCATCATCATCATCA 2

RESULT 1866  
AR292554 18 bp DNA linear PAT 12-JUN-2003  
LOCUS AR292554  
DEFINITION Sequence 4289 from patent US 6537751.  
ACCESSION AR292554  
VERSION AR292554.1 GI:31679838  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 4289 25-MAR-2003;  
FEATURES  
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/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5123 GGGTGAAGTCTTCCTT 5139  
1 GGTGCTGCTCTTCCTT 17

Db 1 GGTGCTGCTCTTCCTT 17

RESULT 1867  
AR293668 18 bp DNA linear PAT 12-JUN-2003  
LOCUS AR293668  
DEFINITION Sequence 5403 from patent US 6537751.  
ACCESSION AR293668  
VERSION AR293668.1 GI:31680952  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 5403 25-MAR-2003;  
FEATURES  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4679 GGGTACAGAGCCTGT 4695  
1 GTGTACTAGAGCCTGT 17

Db 1 GTGTACTAGAGCCTGT 17

RESULT 1868  
AR295498 18 bp DNA linear PAT 12-JUN-2003  
LOCUS AR295498  
DEFINITION Sequence 7233 from patent US 6537751.  
ACCESSION AR295498  
VERSION AR295498.1 GI:31682782  
KEYWORDS

SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
AUTHORS 1 (bases 1 to 18)  
Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 7233 25-MAR-2003;  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5068 TCTTCTATCTCTGTG 5084  
17 TCTTCTATCTCTGTG 1

Db 17 TCTTCTATCTCTGTG 1

RESULT 1869  
AR300267 18 bp DNA linear PAT 12-JUN-2003  
LOCUS AR300267/c  
DEFINITION Sequence 69 from patent US 6537775.  
ACCESSION AR300267  
VERSION AR300267.1 GI:31687686  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Tournier-Lasserre,E., Joutel,A., Bousser,M.-G. and Bach,J.-F.  
TITLE Gene involved in cadasil, method of diagnosis and therapeutic  
application  
JOURNAL Patent: US 6537775-A 69 25-MAR-2003;  
FEATURES  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2296 CCTGGAGGCGAGAAC 2312  
17 CATGGAGGCGAGAAC 1

Db 17 CATGGAGGCGAGAAC 1

RESULT 1870  
AR316414 18 bp DNA linear PAT 12-JUN-2003  
LOCUS AR316414  
DEFINITION Sequence 23 from patent US 6559359.  
ACCESSION AR316414  
VERSION AR316414.1 GI:31711215  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Laten,H.M.  
TITLE Plant retroviral polynucleotides and methods for use thereof  
JOURNAL Patent: US 6559359-A 23 06-MAY-2003;  
FEATURES  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      2858 TCTTCCAAAGCTGAGC 2874
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Db      1 TCTTCCCAAGCTGTAGC 17

RESULT 1871
LOCUS   AR326601 18 bp RNA
DEFINITION AR326601 Sequence 4003 from patent US 6566127.
ACCESSION AR326601
VERSION   AR326601.1 GI:33712409
KEYWORDS
SOURCE    Unknown.
ORGANISM  Unclassified.

REFERENCE
  1 (bases 1 to 18)
AUTHORS   Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE     Method and reagent for the treatment of diseases or conditions
          related to levels of vascular endothelial growth factor receptor
JOURNAL   Patent: US 656127-A 4003 20-MAY-2003;
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Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3220 GCTCCAGCATCACTGAA 3236
      ||||| ||||| |||||
Db      2 GCTCCAGCTTCCCTGAA 18

RESULT 1872
LOCUS   AR336917 18 bp DNA
DEFINITION AR336917 Sequence 25 from patent US 6566131.
ACCESSION AR336917
VERSION   AR336917.1 GI:33722771
KEYWORDS
SOURCE    Unknown.
ORGANISM  Unclassified.

REFERENCE
  1 (bases 1 to 18)
AUTHORS   Cowser,T.L.W.
TITLE     Antisense modulation of Smad6 expression
JOURNAL   Patent: US 6566131-A 25 20-MAY-2003;
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Query Match      0.3%; Score 13.8; DB 1; Length 18;
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3922 CGCGCGCGCGCGCGCTG 3938
      ||||| ||||| |||||
Db      2 CACCGCGCGCGCGCGCTG 18

RESULT 1873
LOCUS   AR350008 18 bp DNA
DEFINITION AR350008 Sequence 6 from patent US 6586214.
ACCESSION AR350008
VERSION   AR350008.1 GI:33750926
KEYWORDS
SOURCE    Unknown.
ORGANISM  Unclassified.

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REFERENCE
  1 (bases 1 to 18)
AUTHORS   Dunican,L.K., McCormack,A., Stapleton,C., Burke,K., O'Donohue,M.,
          Marx,A. and Mockel,B.
TITLE     Method for increasing the metabolic flux through the pentose
          phosphate cycle in coryneform bacteria by regulation of the
          phosphoglucose isomerase (pgi gene)
JOURNAL   Patent: US 6586214-A 6 01-JUL-2003;
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Query Match      0.3%; Score 13.8; DB 1; Length 18;
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2064 GCGAACACGAGGAGCCGT 2080
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Db      1 GGAACACGAGGAGCCGT 17

RESULT 1874
LOCUS   AR382094 18 bp DNA
DEFINITION AR382094 Sequence 76 from patent US 6610477.
ACCESSION AR382094
VERSION   AR382094.1 GI:40090499
KEYWORDS
SOURCE    Unknown.
ORGANISM  Unclassified.

REFERENCE
  1 (bases 1 to 18)
AUTHORS   Haseltine,W.A., Ruben,S.M., Wei,Y.-F., Adams,M.D.,
          Fleischmann,R.D., Fraser,C.M., Feldner,R.A., Kirsch,E.F.,
          Rosen,C.A., Vogelstein,B., Kinzler,K.W., Nicolides,N.C. and
          Papadopoulos,N.
TITLE     Human DNA mismatch repair proteins
JOURNAL   Patent: US 6610477-A 76 26-AUG-2003;
FEATURES
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Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4085 TCAGTGAGCTGCCACTG 4101
      ||||| ||||| |||||
Db      17 TCAGTCAGCAGCCACTG 1

RESULT 1875
LOCUS   AR405920 18 bp DNA
DEFINITION AR405920 Sequence 11 from patent US 6630323.
ACCESSION AR405920
VERSION   AR405920.1 GI:40154968
KEYWORDS
SOURCE    Unknown.
ORGANISM  Unclassified.

REFERENCE
  1 (bases 1 to 18)
AUTHORS   Scott,M., Zeng,W. and Wharton,K.
TITLE     Naked cuticle genes and their uses
JOURNAL   Patent: US 6630323-A 11 07-OCT-2003;
FEATURES
  source   1..18
           /organism="unknown"
           /mol_type="genomic DNA"

Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;

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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3308 GTCCCTGACGACGACG 3324  
Db 17 GTCCGCTGACGACGACG 1

RESULT 1876  
LOCUS AR455053/c  
DEFINITION Sequence 50 from patent US 6683165.  
ACCESSION AR455053  
VERSION AR455053.1 GI:42689574  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
AUTHORS 1 (bases 1 to 18)  
Keith,T., Little,R., Van Berdewegh,P., Dupuis,J., Del Mastro,R.,  
Simon,J., Allen,K. and Pandit,S.  
TITLE Human gene relating to respiratory diseases and obesity  
JOURNAL Patent: US 6683165-A 50 27-JAN-2004;  
FEATURES  
source  
1. .18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4047 CCAGGCGCTCTAGGACG 4063  
Db 17 CCTCGGCTCTAGGACG 1

RESULT 1877  
LOCUS AX117443/c  
DEFINITION Sequence 2566 from Patent WO0129262.  
ACCESSION AX117443  
VERSION AX117443.1 GI:14034394  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Picoult-Newburg,L. and Pohl,M.  
TITLE Genotyping reagents, kits and methods of use thereof  
JOURNAL Patent: WO 0129262-A 2566 26-APR-2001;  
FEATURES  
source  
1. .18  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 902 CCCGCTGACCTCCGACGT 918  
Db 17 CCCGCTTCTCGGACGT 1

RESULT 1878  
LOCUS AX133520  
DEFINITION Sequence 115 from Patent WO0130847.  
ACCESSION AX133520  
VERSION AX133520.1 GI:14139672

18 bp DNA linear PAT 15-MAY-2001

KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bernstein,N., Tarragila,J., Moingeon,P., Barber,B. and Tine,J.A.  
TITLE Modified gp100 and uses thereof  
JOURNAL Patent: WO 0130847-A 115 03-MAY-2001;  
FEATURES  
source  
1. .18  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligo ME1gp05"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4318 CCCAGCTCGCTCTTGGT 4334  
Db 1 CCCATCGGCTCTTGGT 17

RESULT 1879  
LOCUS AX326867/c  
DEFINITION Sequence 63 from Patent WO0178894.  
ACCESSION AX326867  
VERSION AX326867.1 GI:18097578  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Keith,T.  
TITLE Novel human gene relating to respiratory diseases, obesity, and  
JOURNAL inflammatory bowel disease  
Patent: WO 0178894-A 63 25-OCT-2001;  
Genome Therapeutics Corp. (US)  
FEATURES  
source  
1. .18  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4047 CCAGGCGCTCTAGGACG 4063  
Db 17 CCTCGGCTCTAGGACG 1

RESULT 1880  
LOCUS AX554983  
DEFINITION Sequence 4 from Patent WO0242328.  
ACCESSION AX554983  
VERSION AX554983.1 GI:25898548  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Gordon,U.I., Hooper,L.V., Stappenbeck,T.F., Palk,P. and Hansson,L.  
TITLE Method for studying the effects of commensal microflora on  
JOURNAL mammalian intestine and treatments of gastrointestinal-associated  
Patent: WO 0242328-A 4 30-MAY-2002;

18 bp DNA linear PAT 27-NOV-2002

FEATURES WASHINGTON UNIVERSITY (US) ; Astrazeneca AB (SE)  
source 1.18  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 ATGTGCCAGTCTGTG 4480  
1 ATGTGCCAGTCTGTG 17

Db 1 ATGTGCCAGTCTGTG 17

RESULT 1881  
AX601095/c 18 bp DNA linear PAT 17-FEB-2003  
LOCUS AX601095  
DEFINITION Sequence 190 from Patent WO02092851.  
ACCESSION AX601095  
VERSION AX601095.1 GI:28401168  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Blinn, M.M. and Swinburne, J.E.  
TITLE Genetic typing  
JOURNAL Patent: WO 02092851-A 190 21-NOV-2002;  
ANIMAL HEALTH TRUST (GB) ; The British Horseracing Board (GB)  
location/Qualifiers  
1.18  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
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FEATURES source  
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/note="Primer"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2816 AGAAGAACTGAGCGG 2832  
17 AGAAGAACTGAGCGG 1

Db 17 AGAAGAACTGAGCGG 1

RESULT 1882  
AX708864 18 bp DNA linear PAT 04-APR-2003  
LOCUS AX708864  
DEFINITION Sequence 46 from Patent WO02101045.  
ACCESSION AX708864  
VERSION AX708864.1 GI:29564594  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Patapoutian, A., Song, C., Ganju, P., Peier, A., McIntyre, P. and Bevan, S.  
TITLE Vanilloid receptor-related nucleic acids and polypeptides  
JOURNAL Patent: WO 02101045-A 46 19-DEC-2002;  
Novartis AG (CH) ; IRM LLC (BM)  
location/Qualifiers  
1.18  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide primer"

FEATURES source  
1.18  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide primer"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5003 CTCACGCTGTGCTCCA 5019  
2 CTCACGCTGTGCTGACA 18

Db 2 CTCACGCTGTGCTGACA 18

RESULT 1883  
AX751597 18 bp DNA linear PAT 20-JUN-2003  
LOCUS AX751597  
DEFINITION Sequence 18 from Patent WO03034072.  
ACCESSION AX751597  
VERSION AX751597.1 GI:32133876  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Wilson, D.I., Hearn, T. and Walker, M.  
TITLE Diagnosis and therapy of conditions involving ALMS1  
JOURNAL Patent: WO 03034072-A 18 24-APR-2003;  
UNIVERSITY OF SOUTHAMPTON (GB)  
location/Qualifiers  
1.18  
/organism="synthetic construct"  
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/db\_xref="taxon:32630"  
/note="Primer"

FEATURES source  
1.18  
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/mol\_type="unassigned DNA"  
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/note="Primer"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3033 GAGTGAACAGCCACTT 3049  
18 GAGTGAACAGCCACTT 2

Db 18 GAGTGAACAGCCACTT 2

RESULT 1884  
AX804941/c 18 bp DNA linear PAT 25-NOV-2003  
LOCUS AX804941  
DEFINITION Sequence 1109 from Patent WO03060160.  
ACCESSION AX804941  
VERSION AX804941.1 GI:38522082  
KEYWORDS  
SOURCE Oreochromis niloticus (Nile tilapia)  
ORGANISM Oreochromis niloticus  
REFERENCE 1  
AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei; Acanthomorpha; Acanthopterygii; Percomorpha; Perciformes; Labroidae; Cichlidae; Oreochromis.  
TITLE Lie, Y., Slettan, A., Hoeyum, M. and Lingaas, F.  
JOURNAL Verification of food origin based on nucleic acid pattern recognition  
Patent: WO 03060160-A 1109 24-JUL-2003;  
Genomar ASA (NO)  
location/Qualifiers  
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/mol\_type="unassigned DNA"  
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FEATURES source  
1.18  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1589 GGTGAAACAGAGAAGC 1605  
18 GGTGAAACAGAGAAGC 2

Db 18 GGTGAAACAGAGAAGC 2

RESULT 1885

AX837967 18 bp DNA linear PAT 15-DEC-2003  
 LOCUS AX837967  
 DEFINITION Sequence 5091 from Patent EP1347046.  
 ACCESSION AX837967  
 VERSION AX837967.1 GI:39921659  
 KEYWORDS  
 ORGANISM  
 SOURCE  
 unclassified  
 unclassified  
 unclassified

REFERENCE  
 1 Isogai,T., Sugiyama,T., Otsuki,T., Wakamatsu,A., Sato,H., Ishi,S., Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R., Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and Maruho,Y.  
 Full-length cDNA sequences  
 Patent: EP 1347046-A 5091 24-SEP-2003;  
 Research Association for Biotechnology (JP)

TITLE  
 JOURNAL  
 FEATURES  
 source  
 1.18  
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 /db\_xref="taxon:32644"  
 /note="Description of Artificial Sequence: an artificially synthesized primer se q"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
 Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5137 CTTATGTTGCTTTTCA 5153  
 Db 2 CTTATGTTGAGCTTCA 18

RESULT 1886  
 LOCUS BD005427 18 bp DNA linear PAT 31-JAN-2002  
 DEFINITION Plant retroviral polynucleotides and methods of use thereof.  
 ACCESSION BD005427  
 VERSION BD005427.1 GI:18633798  
 KEYWORDS JP 2001500009-A/18.  
 SOURCE unclassified  
 ORGANISM unclassified  
 unclassified  
 1 (bases 1 to 18)  
 REFERENCE Latem,H.W.  
 AUTHORS Plant retroviral polynucleotides and methods of use thereof  
 TITLE Patent: JP 2001500009-A 18 09-JAN-2001;  
 JOURNAL LOYOLA UNIVERSITY OF CHICAGO  
 COMMENT OS Unidentified  
 PN JP 2001500009-A/18  
 PD 09-JAN-2001  
 PR 25-AUG-1997 JP 1998512701  
 PF 09-SEP-1996 US 60/025853  
 PI HOWARD MARK LATEN  
 PC A01H1/06,C07H21/02,C07H21/04,C12N5/04,C12N5/10,C12N7/01, PC C12N15/48,  
 CC C12N15/63,C12N15/83,C07K14/00,C07K14/15  
 CC Strandedness: Single;  
 CC Topology: Linear;  
 FH Key  
 FT source 1.18  
 Location/Qualifiers  
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 Location/Qualifiers  
 /organism="Unidentified".

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 1.18  
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 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
 Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2858 TCTTCCAAAGCTGAGC 2874  
 Db 1 TCTTCCAAAGCTGAGC 17

RESULT 1887  
 LOCUS BD067002 18 bp DNA linear PAT 27-AUG-2002  
 DEFINITION An antisense oligonucleotide preparation method.  
 ACCESSION BD067002  
 VERSION BD067002.1 GI:22612605  
 KEYWORDS JP 2001511000-A/1637.  
 SOURCE unclassified  
 ORGANISM unclassified  
 unclassified  
 1 (bases 1 to 18)  
 REFERENCE Schlingensiepen,K.H. and Brysch,W.  
 AUTHORS An antisense oligonucleotide preparation method  
 TITLE Patent: JP 2001511000-A 1637 07-AUG-2001;  
 JOURNAL BIOGENOSTIK GESSELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH  
 COMMENT OS Unknown  
 PN JP 2001511000-A/1637  
 PD 07-AUG-2001  
 PR 30-JAN-1998 JP 1998532533  
 PR 31-JAN-1997 EP 97101531.8  
 PI KARL HERMANN SCHLINGENSIEPEN WOLFGANG BRYSCH  
 PC C12N15/11,C07H21/04,A61K31/70  
 CC An antisense oligonucleotide preparation method FH Key  
 CC Location/Qualifiers  
 FT source 1.18  
 Location/Qualifiers  
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 Location/Qualifiers  
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 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
 Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2833 AGCTGGTGTGAGTTT 2849  
 Db 1 AGCTGCTGTGTGAGTTT 17

RESULT 1888  
 LOCUS BD087192/c 18 bp DNA linear PAT 27-AUG-2002  
 DEFINITION Mammalian alpha-helix protein-1.  
 ACCESSION BD087192  
 VERSION BD087192.1 GI:22632802  
 KEYWORDS JP 2001525195-A/4.  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
 1 (bases 1 to 18)  
 REFERENCE Lok,S., Conklin,D.C. and Parrish,J.  
 AUTHORS Mammalian alpha-helix protein-1  
 TITLE Patent: JP 2001525195-A 4 11-DEC-2001;  
 JOURNAL ZYMOGENETICS INC  
 COMMENT OS Homo sapiens (human)  
 PN JP 2001525195-A/4  
 PD 11-DEC-2001  
 PR 10-DEC-1998 JP 2000524311  
 PR 10-DEC-1997 US 08/987926  
 PI SI LOK, DARRELL C CONKLIN, TULLA PARRISH  
 PC C12N15/09,C07K14/47,C07K16/18,C12N15/00  
 CC Mammalian alpha-helix protein-1  
 CC Mammalian alpha-helix protein-1  
 FH Key  
 FT source 1.18  
 Location/Qualifiers  
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 Location/Qualifiers  
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1686 AACAGACCTCAGAGCA 1702  
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17 AACAGACCTCAGAGCCA 1

RESULT 1899  
BD088161/c 18 bp DNA linear PAT 27-AUG-2002  
LOCUS BD088161  
DEFINITION A method of arraying genome clone.  
ACCESSION BD088161  
VERSION BD088161.1 GI:22633771  
KEYWORDS JP 2001321190-A/405.  
SOURCE JP 2001321190-A/405.  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Soeda, E.  
TITLE A method of arraying genome clone  
JOURNAL Patent: JP 2001321190-A 405 20-NOV-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

COMMENT  
OS Artificial Sequence  
PN JP 2001321190-A/405  
PD 20-NOV-2001  
PF 12-MAR-2001 JP 2001068285  
PI EITCHI SOEDA  
PC C12N15/09, C12N15/00, C12M1/68, G01N33/53, G01N33/566, PC  
C12N15/00,  
PC C12N15/00  
CC Description of Artificial Sequence:Synthetic DNA FH Key  
FT source Location/Qualifiers  
1.18  
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/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3224 CAGCATCTGTAATCA 3240  
|||||  
17 CAGCCTCAGTGAAGTCA 1

RESULT 1890  
BD089944/c 18 bp DNA linear PAT 27-AUG-2002  
LOCUS BD089944  
DEFINITION A method of arraying genome clone.  
ACCESSION BD089944  
VERSION BD089944.1 GI:22635554  
KEYWORDS JP 2001321190-A/2188.  
SOURCE JP 2001321190-A/2188.  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Soeda, E.  
TITLE A method of arraying genome clone  
JOURNAL Patent: JP 2001321190-A 2188 20-NOV-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

COMMENT  
GENOTECHS  
OS Artificial Sequence  
PN JP 2001321190-A/2188  
PD 20-NOV-2001  
PF 12-MAR-2001 JP 2001068285  
PI EITCHI SOEDA  
PC C12N15/09, C12N15/00, C12M1/68, G01N33/53, G01N33/566, PC  
C12N15/00  
CC Description of Artificial Sequence:Synthetic DNA FH Key  
FT source Location/Qualifiers  
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source Location/Qualifiers  
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/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2814 GAAGAAAGAGTGAAGG 2830  
|||||  
1 GAAGAAAGAGAGCGGG 17

RESULT 1891  
BD144263  
LOCUS BD144263 18 bp DNA linear PAT 17-JAN-2003  
DEFINITION Inhibition of midkine expression using antisense oligonucleotide sequence and inhibition of cancer cell growth accompanied thereby.  
ACCESSION BD144263  
VERSION BD144263.1 GI:27850021  
KEYWORDS JP 2002142778-A/3.  
SOURCE JP 2002142778-A/3.  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Takei, Y., Kadomatsu, K. and Muramatsu, T.  
TITLE Inhibition of midkine expression using antisense oligonucleotide sequence and inhibition of cancer cell growth accompanied thereby  
JOURNAL Patent: JP 2002142778-A 3 21-MAY-2002;  
TAKASHI MURAMATSU  
COMMENT OS Artificial Sequence  
PN JP 2002142778-A/3  
PD 21-MAY-2002  
PF 10-NOV-2000 JP 2000382918  
PI YOSHIFUMI TAKEI, KENJI KADOMATSU, TAKASHI MURAMATSU  
PC C12N15/09, A61K31/713, A61K48/00, A61P35/00//C12N5/10, C12N15/00, PC  
C12N5/00  
CC Inhibition of midkine expression using antisense CC  
oligonucleotide sequence  
CC and inhibition of cancer cell growth accompanied thereby FH  
KEY Key Location/Qualifiers  
FT source Location/Qualifiers  
1.18  
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FEATURES  
source Location/Qualifiers  
1.18  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2814 GAAGAAAGAGTGAAGG 2830  
|||||  
1 GAAGAAAGAGAGCGGG 17

RESULT 1892  
AB068944/c  
LOCUS 18 bp DNA linear SYN 21-MAY-2003  
DEFINITION Synthetic construct DNA, forward primer for human STS sts-D1S2732  
at 1p36.  
ACCESSION AB068944  
VERSION AB068944.1 GI:15129748  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS 1  
Chen, Y.-Z., Hayashi, Y., Wu, J.-G., Takaoka, E., Maekawa, K.,  
Matsunabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,  
Motohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A.  
and Seda, E.  
TITLE A BAC-based STS-content map spanning a 35-Mb region of human  
chromosome 74 (1), 55-70 (2001)  
JOURNAL Genomics 74 (1), 55-70 (2001)  
MEDLINE 21269192  
PUBMED 11374902  
REFERENCE 2 (bases 1 to 18)  
AUTHORS Horii, A.  
TITLE Direct Submission  
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of  
Medicine, Molecular Pathology, 2-1 Seiryomachi, Aoba-ku, Sendai,  
Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,  
Tel: 81-22-717-8042, Fax: 81-22-717-8047)  
FEATURES  
source 1..18  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"  
misc\_feature 1..18  
/note="forward primer for human STS sts-D1S2732 at 1p36  
sts-D1S2732 obtained from clones B155L18, B361D20, B374L7,  
B374P9, Human BAC library RPCI-11"  
Location/Qualifiers  
Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Db 3224 CAGCATCATGAATCA 3240  
17 CAGCTCATGACTCA 1  
RESULT 1893  
AR296773  
LOCUS 19 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 8508 from patent US 6537751.  
ACCESSION AR296773  
VERSION AR296773.1 GI:31684057  
KEYWORDS  
SOURCE  
ORGANISM  
Unknown.  
Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.  
TITLE Bacterial markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 8508 25-MAR-2003;  
FEATURES  
source 1..19  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="genomic DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Db 1196 ATCCCTGAGTCTCTGC 1212  
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Db 2 ATCCCATGAGTCTCTGC 18  
RESULT 1894  
AX297771/c  
LOCUS 19 bp DNA linear PAT 21-NOV-2001  
DEFINITION Sequence 9533 from Patent WO0179548.  
ACCESSION AX297771  
VERSION AX297771.1 GI:117059462  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.  
REFERENCE 1  
AUTHORS Barry, F., Zivri, M., Gerry, N.P., Favis, R. and Kilman, R.  
TITLE Method of designing addressable array for detection of nucleic acid  
JOURNAL Sequence differences using 11base detection reaction  
Patent: WO 0179548-A 9533 25-OCT-2001;  
FEATURES  
source 1..19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"  
Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Db 2828 GGGGAGCTGTGTGTA 2844  
18 GGGGAGCTGTGTGTA 2  
RESULT 1895  
A40075/c  
LOCUS 19 bp DNA linear PAT 05-MAR-1997  
DEFINITION Sequence 36 from Patent WO9421818.  
ACCESSION A40075  
VERSION A40075.1 GI:2296240  
KEYWORDS  
SOURCE  
ORGANISM  
unidentified  
unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Andrien, M., Dupont, E., Rossau, R. and De, C.I.  
TITLE PROCESS FOR TYPING HLA-B USING SPECIFIC PRIMERS AND PROBES SETS  
JOURNAL Patent: WO 9421818-A 36 29-SEP-1994;  
COMMENT Other publication CA 2158578 940929  
Other publication AU 6258594 941011.  
FEATURES  
source 1..19  
Location/Qualifiers  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"  
Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Db 1239 CCGGGCTCCGTGACG 1255  
19 CCGGGCTCCGTCTCG 3  
RESULT 1896  
AR011915  
LOCUS 19 bp DNA linear PAT 04-MAR-1998  
DEFINITION Sequence 1 from patent US 5763175.  
ACCESSION AR011915  
VERSION AR011915.1 GI:3969905

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Brenner,S.  
TITLE Simultaneous sequencing of tagged polynucleotides  
JOURNAL Patent: US 5763175-A 1 09-JUN-1998;  
FEATURES Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 4373 AAGAAAGAACTGCAGC 4389  
Db 2 AAGAAAGAAAGGCAGC 18  
RESULT 1897  
AR031033/c 19 bp DNA linear PAT 29-SEP-1999  
LOCUS AR031033  
DEFINITION Sequence 21 from patent US 5861504.  
ACCESSION AR031033  
VERSION AR031033.1 GI:5944247  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Polymeropoulos,M.H. and Merrill,C.R.  
TITLE Eleven highly informative microsatellite repeat polymorphic DNA markers  
JOURNAL Patent: US 5861504-A 21 19-JAN-1999;  
FEATURES Location/Qualifiers  
1..19  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1524 TACAGCCACAGAAAT 1540  
Db 19 TACAGCCACAGAAAT 3  
RESULT 1898  
AR048772 19 bp DNA linear PAT 29-SEP-1999  
LOCUS AR048772  
DEFINITION Sequence 6 from patent US 5821354.  
ACCESSION AR048772  
VERSION AR048772.1 GI:5971115  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Leclerc,G. and Martel,R.  
TITLE Radiolabeled DNA oligonucleotide and method of preparation  
JOURNAL Patent: US 5821354-A 6 13-OCT-1998;  
FEATURES Location/Qualifiers  
1..19  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3282 ATGCCCTGCAGTGAA 3298  
Db 1 ATGCCCTGCAGTGAA 17  
RESULT 1899  
AR051996 19 bp DNA linear PAT 29-SEP-1999  
LOCUS AR051996  
DEFINITION Sequence 7 from patent US 5830751.  
ACCESSION AR051996  
VERSION AR051996.1 GI:5975360  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Boeke,U.D. and Brachmann,R.K.  
TITLE Genetic assays and strains using human TP53  
JOURNAL Patent: US 5830751-A 7 03-NOV-1998;  
FEATURES Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2912 CATCCTCATCAGCATCA 2928  
Db 2 CATCCTCATCAGCATCA 18  
RESULT 1900  
AR060403 19 bp DNA linear PAT 29-SEP-1999  
LOCUS AR060403  
DEFINITION Sequence 7 from patent US 5840579.  
ACCESSION AR060403  
VERSION AR060403.1 GI:5986853  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Boeke,U.D. and Brachmann,R.K.  
TITLE Nucleic acids encoding p53 mutations which suppress p53 cancer mutations  
JOURNAL Patent: US 5840579-A 7 24-NOV-1998;  
FEATURES Location/Qualifiers  
1..19  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2912 CATCCTCATCAGCATCA 2928  
Db 2 CATCCTCATCAGCATCA 18  
RESULT 1901  
AR069236/c 19 bp DNA linear PAT 18-FEB-2000  
LOCUS AR069236  
DEFINITION Sequence 11 from patent US 5891628.  
ACCESSION AR069236  
VERSION AR069236.1 GI:7220124  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 19)  
AUTHORS Reiders,S., Schneider,M. and Glucksmann,M.Alexandra.  
TITLE Identification of polycystic kidney disease gene, diagnostics and treatment  
JOURNAL Patent: US 5891628-A 11 06-APR-1999;  
FEATURES Location/Qualifiers  
SOURCE 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5006 CAGCTGCTGCTCCGCGG 5022  
Db 17 CAGCTGCTGCTCCGCGG 1

RESULT 1902  
LOCUS AR109208 19 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 5 from patent US 6114118.  
ACCESSION AR109208  
VERSION AR109208.1 GI:12825484  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Templeton,J.W., Feng,J., Adams,L.Garry., Schurr,E., Gros,P.,  
David,D.S. and Smith,R. III.  
TITLE Method of identification of animals resistant or susceptible to disease such as ruminant brucellosis, tuberculosis, paratuberculosis and salmonellosis  
JOURNAL Patent: US 6114118-A 5 05-SEP-2000;  
FEATURES Location/Qualifiers  
SOURCE 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2681 TGTTCACGCCAAGGAC 2697  
Db 3 TGTTCACGCCAAGGAC 19

RESULT 1903  
LOCUS AR110290/c 19 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 42 from patent US 6114502.  
ACCESSION AR110290  
VERSION AR110290.1 GI:12826566  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS North,M., Nishina,P., Naggert,J. and Noben-Trauth,K.  
TITLE Gene family associated with neurosensory defects  
JOURNAL Patent: US 6114502-A 42 05-SEP-2000;  
FEATURES Location/Qualifiers  
SOURCE 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3146 GACCTGAGAGCCTCA 3162  
Db 19 GACCTGAGAGCCTCA 3

RESULT 1904  
LOCUS AR128961 19 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 7 from patent US 6183964.  
ACCESSION AR128961  
VERSION AR128961.1 GI:14116623  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Boeke,J.D. and Brachmann,R.K.  
TITLE Method for identifying suppressor mutations for common p53 cancer mutations  
JOURNAL Patent: US 6183964-A 7 06-FEB-2001;  
FEATURES Location/Qualifiers  
SOURCE 1. .19  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCTCATCAGCATCA 2928  
Db 2 CATCTCATCAGCATCA 18

RESULT 1905  
LOCUS BD226642 19 bp DNA linear PAT 17-JUL-2003  
DEFINITION Methods for diagnosing and evaluating cancer.  
ACCESSION BD226642  
VERSION BD226642.1 GI:33036412  
KEYWORDS JP 2002513937-A/10.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Blaschuk,O.W., Gour,B.J. and Byers,S.  
TITLE Methods for diagnosing and evaluating cancer  
JOURNAL Patent: JP 2002513937-A 10 14-MAY-2002;  
COMMENT ADHEREX TECHNOLOGIES INC  
OS Artificial Sequence  
PN JP 2002513937-A/10  
PD 14-MAY-2002  
PF 05-MAY-1998 JP 2000547480  
PR 05-MAY-1998 US 09/073040, 06-NOV-1998 US 09/187859 PR  
PI OREST W BLASCHUK, BARBARA J GOUR, STEPHEN BYERS PC  
GOIN33/574, COTK14/78, COTK16/18, C12P21/08, C12Q1/02, C12Q1/68, PC  
GOIN33/68//  
PC C12N15/09, C12N15/00  
CC Description of Artificial Sequence: N-Cadherin reverse primer  
FH Key Location/Qualifiers  
FT Source 1. .19  
/organism="Artificial Sequence".  
/mol\_type="synthetic construct"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1963 TCTGACATCCCGCATC 1979  
 | ||||| |||||  
 Db 3 TTGGATCATCCCGCATC 19

RESULT 1906  
 BD230547/c 19 bp DNA linear PAT 17-JUL-2003  
 LOCUS BD230547  
 DEFINITION Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.

ACCESSION BD230547  
 VERSION BD230547.1 GI:33040317  
 KEYWORDS JP 2002530091-A/416.  
 SOURCE Canis familiaris (dog)  
 ORGANISM Canis familiaris  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

REFERENCE  
 AUTHORS Galibert, F. and Andre, C.  
 TITLE Total genome radiation hybrid map of canine genome and its use for identification of interesting genes  
 JOURNAL PATENT: JP 2002530091-A 416 17-SEP-2002;  
 COMMENT CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE  
 OS Canis familiaris (dog)  
 PN JP 2002530091-A/416  
 PD 17-SEP-2002  
 PF 15-NOV-1999 JP 2000582596  
 PR 13-NOV-1998 US 60/108193  
 PI FRANCIS GALIBERT, CATHERINE ANDRE  
 PC C12N15/09, C12Q1/68, C12N15/00  
 CC A03731  
 FT source  
 F1 Location/Qualifiers  
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 /organism="Canis familiaris (dog)"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:9615"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2289 CTGCGCTGCTGGAGGC 2305  
 | ||||| |||||  
 Db 17 CTGCTACTCTGTGCGC 1

RESULT 1907  
 BD230584 19 bp DNA linear PAT 17-JUL-2003  
 LOCUS BD230584  
 DEFINITION Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.

ACCESSION BD230584  
 VERSION BD230584.1 GI:33040354  
 KEYWORDS JP 2002530091-A/453.  
 SOURCE Canis familiaris (dog)  
 ORGANISM Canis familiaris  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

REFERENCE  
 AUTHORS Galibert, F. and Andre, C.  
 TITLE Total genome radiation hybrid map of canine genome and its use for identification of interesting genes  
 JOURNAL PATENT: JP 2002530091-A 453 17-SEP-2002;  
 COMMENT CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE  
 OS Canis familiaris (dog)  
 PN JP 2002530091-A/453  
 PD 17-SEP-2002  
 PF 15-NOV-1999 JP 2000582596  
 PR 13-NOV-1998 US 60/108193  
 PI FRANCIS GALIBERT, CATHERINE ANDRE

PC C12N15/09, C12Q1/68, C12N15/00  
 CC B05742  
 FH Key Location/Qualifiers  
 FT source 1.19  
 F1 Location/Qualifiers  
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 /organism="Canis familiaris"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:9615"

FEATURES  
 source  
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 /organism="synthetic construct"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4863 GATGCCAGGCGCTGTC 4879  
 | ||||| |||||  
 Db 1 GACGACAGGCGCTGTC 17

RESULT 1909  
 E06866/c 19 bp RNA linear PAT 29-SEP-1997  
 LOCUS E06866  
 DEFINITION Substrate of ribozyme.  
 ACCESSION E06866  
 VERSION E06866.1 GI:5708531  
 KEYWORDS JP 1994070774-A/14.  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 REFERENCE 1 (bases 1 to 19)

RESULT 1908  
 E04836 19 bp DNA linear PAT 29-SEP-1997  
 LOCUS E04836  
 DEFINITION Synthetic DNA for site directed mutagenesis of interleukin 6 receptor.  
 ACCESSION E04836  
 VERSION E04836.1 GI:2173032  
 KEYWORDS JP 1993091892-A/14.  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 REFERENCE 1 (bases 1 to 19)  
 AUTHORS Kishimoto, C., Hachiman, H. and Yasukawa, K.  
 TITLE IL-6 RECEPTOR DERIVATIVE  
 JOURNAL PATENT: JP 1993091892-A 14 16-APR-1993;  
 OS KISHIMOTO CHUZO, CHUGAI PHARMACEUT CO LTD, TOSOH CORP  
 OS Artificial gene  
 OC Artificial sequence; Genes.  
 OS Homo sapiens (human)  
 PN JP 1993091892-A/14  
 PD 16-APR-1993  
 PF 02-OCT-1991 JP 1991255521  
 PI KISHIMOTO CHUZO, HACHIMAN HIDEO, YASUKAWA KIYOSHI PC  
 C12P21/02, C07K13/00, C12N5/10, C12N15/12, C12P21/02, C12R1/91; CC strandedness: Single;  
 topology: Linear;  
 CC hypothetical: No.



AUTHORS Otsuka, E. and Koizumi, M.  
 TITLE RIBOZYME HAVING THERMODYNAMICALLY STABLE LOOP STRUCTURE  
 JOURNAL Patent: JP 1994070774-A 14 15-MAR-1994;  
 COMMENT SANKYO CO LTD  
 OS Artificial gene  
 OC Artificial sequence; Genes.  
 PN JP 1994070774-A/14  
 PD 15-MAR-1994  
 PF 01-JUL-1993 JP 1993163530  
 PR 02-JUL-1992 JP 92P 175706  
 PI OTSUKA EIKO, KOIZUMI MAKOTO  
 PC C12N15/11, C12N1/21, C12N9/00, C12N15/10, (C12N1/21, C12R1.19); CC  
 strandedness: Single;  
 CC topology: Linear;  
 CC hypothetical: No;  
 CC anti-sense: No;  
 FH Key  
 FT misc\_feature 1..19  
 FT /note='substrate of ribozyme'.  
 FEATURES Location/Qualifiers  
 source 1..19  
 /organism='synthetic construct'  
 /mol\_type='genomic RNA'  
 /db\_xref='taxon:32630'

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4285 CGCAGCAGCAGCGGCA 4301  
 Db 18 CACACACAGACGGGCA 2

RESULT 1910  
 LOCUS E07047 19 bp DNA linear PAT 29-SEP-1997  
 DEFINITION Partial sequence of gDNA encoding HLA-DR antigen.  
 ACCESSION E07047  
 VERSION E07047.1 GI:2175197  
 KEYWORDS JP 1994090757-A/21.  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
 1 (bases 1 to 19)  
 Obata, B., Kashiwagi, N., Abe, A. and Miyakoshi, T.  
 USING THE SAME BASE SEQUENCE FOR HLA-DR TYPING AND HLA-DR TYPING METHOD  
 GROUP OF BASE SEQUENCE  
 PATENT: JP 1994090757-A 21 05-APR-1994;  
 KITASATO INST:THE, MITSUI PETROCHEM IND LTD  
 OS Homo sapiens (human)  
 PN JP 1994090757-A/21  
 PD 05-APR-1994  
 PF 23-AUG-1992 JP 1992224432  
 PR 23-AUG-1991 JP 91P 212472  
 PI OBATA BUNYA, KASHIWAGI NOBORU, ABE AKIO, MIYAKOSHI TERUICHI PC  
 C12N15/11, C07H21/04, C12N15/10, C12Q1/68, G01N33/53, G01N33/53; CC  
 strandedness: Single;  
 CC topology: Linear;  
 CC hypothetical: No;  
 CC anti-sense: No;  
 FH Key  
 FT Location/Qualifiers  
 source 1..19  
 /organism='Homo sapiens'  
 /cell\_type='leukocyte'.  
 FEATURES Location/Qualifiers  
 source 1..19  
 /organism='Homo sapiens'  
 /mol\_type='genomic DNA'  
 /db\_xref='taxon:9606'

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4966 TAGAAGAGCTTTGCTG 4982  
 Db 18 TAGAAGAGCTTTCCAG 2

RESULT 1911  
 LOCUS E07071 19 bp DNA linear PAT 29-SEP-1997  
 DEFINITION Probe for HLA-DR antigen gene.  
 ACCESSION E07071  
 VERSION E07071.1 GI:2175221  
 KEYWORDS JP 1994090757-A/45.  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.  
 1 (bases 1 to 19)  
 Obata, B., Kashiwagi, N., Abe, A. and Miyakoshi, T.  
 USING THE SAME BASE SEQUENCE FOR HLA-DR TYPING AND HLA-DR TYPING METHOD  
 PATENT: JP 1994090757-A 45 05-APR-1994;  
 KITASATO INST:THE, MITSUI PETROCHEM IND LTD  
 OS None  
 OC Artificial sequences.  
 PN JP 1994090757-A/45  
 PD 05-APR-1994  
 PF 24-AUG-1992 JP 1992224432  
 PR 23-AUG-1991 JP 91P 212472  
 PI OBATA BUNYA, KASHIWAGI NOBORU, ABE AKIO, MIYAKOSHI TERUICHI PC  
 C12N15/11, C07H21/04, C12N15/10, C12Q1/68, G01N33/53, G01N33/53; CC  
 strandedness: Single;  
 CC topology: Linear;  
 CC hypothetical: No;  
 CC anti-sense: No;  
 FH Key  
 FT Location/Qualifiers  
 source 1..19  
 /organism='Artificial sequences'.  
 FEATURES Location/Qualifiers  
 source 1..19  
 /organism='unidentified'  
 /mol\_type='genomic DNA'  
 /db\_xref='taxon:32644'

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4966 TAGAAGAGCTTTGCTG 4982  
 Db 2 TAGAAGAGCTTTCCAG 18

RESULT 1912  
 LOCUS E13617 19 bp RNA linear PAT 27-APR-1998  
 DEFINITION Polyribonucleotide which is a substrate of ribozyme.  
 ACCESSION E13617  
 VERSION E13617.1 GI:5708663  
 KEYWORDS JP 1997220094-A/5.  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.  
 1 (bases 1 to 19)  
 Koizumi, M., Ozawa, Y. and Nishigaki, T.  
 RIBOZYME HAVING TRNA ANTICODON STEM LOOP  
 PATENT: JP 1997220094-A 5 26-AUG-1997;  
 SANKYO CO LTD  
 OS None

OC Artificial sequences.  
 PN JP 1997220094-A/5  
 PD 26-AUG-1997  
 PR 12-DEC-1996 JP 1996331843  
 PI 13-DEC-1995 JP 95P324778  
 FT KOIZUMI MAKOTO, OZAWA YUJI, NISHIGAKI TAKASHI PC  
 C12N15/09, C07H21/02, C07H21/04, C12N5/10, C12N9/00, (C12N15/09, PC  
 C12R1:92);  
 CC strandedness: Single;  
 CC topology: linear;  
 CC hypothetical: No;  
 CC anti-sense: No;  
 FH Key  
 FT source 1..19  
 /organism='Artificial sequences',  
 /location/Qualifiers  
 1..19  
 /organism="unidentified"  
 /mol\_type="genomic RNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGCA 4301  
 DB 18 CACACACGACGCGCA 2

RESULT 1913  
 LOCUS 143000 19 bp DNA linear PAT 07-OCT-1997  
 DEFINITION Sequence 22 from patent US 5631115.  
 ACCESSION 143000  
 VERSION 143000.1 GI:2468244  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 19)  
 AUTHORS Ohtsuka, E. and Koizumi, M.  
 TITLE looped, hairpin ribozyme  
 JOURNAL Patent: US 5631115-A 22 20-MAY-1997;  
 FEATURES  
 source location/Qualifiers  
 1..19  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGCA 4301  
 DB 18 CACACACGACGCGCA 2

RESULT 1914  
 LOCUS 173730 19 bp DNA linear PAT 03-APR-1998  
 DEFINITION Sequence 8 from patent US 5686598.  
 ACCESSION 173730  
 VERSION 173730.1 GI:3009871  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 19)  
 AUTHORS North, M., Nishina, P. and Naggett, J.  
 TITLE Genes associated with retinal dystrophies  
 JOURNAL Patent: US 5686598-A 8 11-NOV-1997;

FEATURES  
 source location/Qualifiers  
 1..19  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3146 GACCTGAGAGCTCA 3162  
 DB 19 GACCTGAGAGCTCA 3

RESULT 1915  
 LOCUS 177125 19 bp DNA linear PAT 03-APR-1998  
 DEFINITION Sequence 11 from patent US 5693501.  
 ACCESSION 177125  
 VERSION 177125.1 GI:3013279  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 19)  
 AUTHORS Lee, C.-H. and Jiang, B.  
 TITLE Compounds and methods to determine presence of Histoplasma capsulatum  
 JOURNAL Patent: US 5693501-A 11 02-DEC-1997;  
 FEATURES  
 source location/Qualifiers  
 1..19  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 741 ACCAGCTGACCACT 757  
 DB 18 ACCAGCTGACCACT 2

RESULT 1916  
 LOCUS AR225043 19 bp DNA linear PAT 26-SEP-2002  
 DEFINITION Sequence 9 from patent US 644156.  
 ACCESSION AR225043  
 VERSION AR225043.1 GI:2334178  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 19)  
 AUTHORS Lerman, M.I., Latif, F., Wei, M.-H., Dub, F.-M., Minna, J.D., Sekido, Y.  
 TITLE Calcium channel compositions and methods of use thereof  
 JOURNAL Patent: US 644156-A 9 27-AUG-2002;  
 FEATURES  
 source location/Qualifiers  
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 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4605 AGAGCCAGTGCCTC 4621  
 DB 19 AGAGCCAGTGCCTC 3

RESULT 1917

AR235529/c  
 LOCUS AR235529 19 bp DNA linear PAT 20-DEC-2002  
 DEFINITION Sequence 28 from patent US 6461810.  
 ACCESSION AR235529  
 VERSION AR235529.1 GI:27278750  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unclassified.

REFERENCE  
 1 (bases 1 to 19)  
 AUTHORS Fresco, J.R. and Johnson, M.D.  
 TITLE Triplex in-situ hybridization  
 JOURNAL Patent: US 6461810-A 28 08-OCT-2002;  
 FEATURES  
 source 1..19  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5086 TTTCAGCTCTGCTTCT 5102  
 Db 19 TTTCACCTCTGCTCCCT 3

RESULT 1918  
 LOCUS AR258708 19 bp DNA linear PAT 20-DEC-2002  
 DEFINITION Sequence 4 from patent US 6489156.  
 ACCESSION AR258708  
 VERSION AR258708.1 GI:27309114  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unclassified.

REFERENCE  
 1 (bases 1 to 19)  
 AUTHORS DiSpirito, A.A., Do, Y.S., Phillips, G.J. and Zahn, J.A.  
 TITLE Rhodobacter strain for odor remediation of anaerobic livestock waste lagoons and biomass production  
 JOURNAL Patent: US 6489156-A 4 03-DEC-2002;  
 FEATURES  
 source 1..19  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2819 AGGAGTGGAGGGGAGC 2835  
 Db 19 AGGAAATGGCGGGGAGC 3

RESULT 1919  
 LOCUS AR293259 19 bp DNA linear PAT 12-JUN-2003  
 DEFINITION Sequence 4994 from patent US 6537751.  
 ACCESSION AR293259  
 VERSION AR293259.1 GI:31680543  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unclassified.

REFERENCE  
 1 (bases 1 to 19)  
 AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.  
 TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome  
 JOURNAL Patent: US 6537751-A 4994 25-MAR-2003;  
 FEATURES  
 source 1..19  
 Location/Qualifiers

/organism="unknown"  
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Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 284 CTCTCTCTCTGCTT 300  
 Db 19 CTCTCTCTCTCTT 3

RESULT 1920  
 LOCUS AR298291 19 bp DNA linear PAT 12-JUN-2003  
 DEFINITION Sequence 10026 from patent US 6537751.  
 ACCESSION AR298291  
 VERSION AR298291.1 GI:31685575  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unclassified.

REFERENCE  
 1 (bases 1 to 19)  
 AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.  
 TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome  
 JOURNAL Patent: US 6537751-A 10026 25-MAR-2003;  
 FEATURES  
 source 1..19  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1014 CAAGCATGGACACACG 1030  
 Db 3 CAAGCATGGACACACG 19

RESULT 1921  
 LOCUS AR304135 19 bp DNA linear PAT 12-JUN-2003  
 DEFINITION Sequence 9 from patent US 6544768.  
 ACCESSION AR304135  
 VERSION AR304135.1 GI:31693049  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unclassified.

REFERENCE  
 1 (bases 1 to 19)  
 AUTHORS Buck, J. and Levin, L.R.  
 TITLE Mammalian soluble adenylyl cyclase  
 JOURNAL Patent: US 6544768-A 9 08-APR-2003;  
 FEATURES  
 source 1..19  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3474 CAGAGTCAAGCCCGAG 3490  
 Db 2 CAGAGTAAAGTCCAG 18

RESULT 1922  
 LOCUS AR317239 19 bp DNA linear PAT 17-AUG-2003  
 DEFINITION Sequence 76 from patent US 6562786.

ACCESSION AR317239  
VERSION AR317239.1 GI:33696581  
KEYWORDS  
SOURCE  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Blaschuk, O.W. and Gour, B.J.  
TITLE Compounds and methods for modulating apoptosis  
JOURNAL Patent: US 6562786-A 76 13-MAY-2003;  
FEATURES Location/Qualifiers  
source 1..19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1963 TCTGAAATCCGCATC 1979  
Db 3 TTTCATCATCCCATC 19

RESULT 1923  
AR322116 19 bp DNA PAT 17-AUG-2003  
LOCUS AR322116  
DEFINITION Sequence 7 from patent US 6566056.  
ACCESSION AR322116  
VERSION AR322116.1 GI:33707660  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Boeke, J.D. and Brachmann, R.K.  
TITLE Genetic assays and strains using human TP53  
JOURNAL Patent: US 6566056-A 7 20-MAY-2003;  
FEATURES Location/Qualifiers  
source 1..19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCTTCATCAGCATCA 2928  
Db 2 CATCTTCATCAGCATCA 18

RESULT 1924  
AR431971 19 bp DNA PAT 18-DEC-2003  
LOCUS AR431971  
DEFINITION Sequence 16 from patent US 6653106.  
ACCESSION AR431971  
VERSION AR431971.1 GI:40194150  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Shuman, S. and Sekiguchi, J.  
TITLE Topoisomerase-based ligation and cloning methods  
JOURNAL Patent: US 6653106-A 16 25-NOV-2003;  
FEATURES Location/Qualifiers  
source 1..19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1540 TCTGCAGCTCATTAAG 1556  
Db 3 TCTGCAGCTCATTAAG 19

RESULT 1925  
AR443039 19 bp DNA PAT 20-FEB-2004  
LOCUS AR443039/c  
DEFINITION Sequence 5 from patent US 6670328.  
ACCESSION AR443039  
VERSION AR443039.1 GI:42670677  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Lassalle, P., Marchand, G., Keryvaze, G., Tonnel, A.B. and Mollet, S.  
TITLE Proteins and peptides derived from protein ESM-1 and their uses in the treatment and diagnosis of diseases linked to leukocyte migration  
JOURNAL Patent: US 6670328-A 5 30-DEC-2003;  
FEATURES Location/Qualifiers  
source 1..19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4222 GTTGCCCAACAGATT 4238  
Db 18 GTTGCCCAACAGATT 2

RESULT 1926  
AR453339 19 bp DNA PAT 20-FEB-2004  
LOCUS AR453339  
DEFINITION Sequence 324 from patent US 6680175.  
ACCESSION AR453339  
VERSION AR453339.1 GI:42685723  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Blaschuk, O.W., Symonds, J.M., Byers, S. and Gour, B.J.  
TITLE Methods for diagnosing and evaluating cancer  
JOURNAL Patent: US 6680175-A 324 20-JAN-2004;  
FEATURES Location/Qualifiers  
source 1..19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1963 TCTGAAATCCGCATC 1979  
Db 3 TTTCATCATCCCATC 19

RESULT 1927  
AR454808 19 bp DNA PAT 20-FEB-2004  
LOCUS AR454808  
DEFINITION Sequence 324 from patent US 6682901.  
ACCESSION AR454808  
VERSION AR454808.1 GI:42688400  
KEYWORDS  
SOURCE Unknown.

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Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2170 AAAACTATATGACATT 2186
      |||||
      2 AAAACTATATGACAGCT 18

RESULT 1930
LOCUS      AX130697/c          19 bp      DNA          PAT 15-MAY-2001
DEFINITION Sequence 1915 from Patent WO0130362.
ACCESSION  AX130697
VERSION     AX130697.1  GI:14137002
KEYWORDS
ORGANISM    Homo sapiens (human)
            Homo sapiens
            Eularyote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS     Robbins,J.M. and Tritz,R.
TITLE       Ribozyme therapy for the treatment of proliferative skin and eye
            diseases
            Patent: WO 0130362-A 1915 03-MAY-2001;
            IMMUSOL, INC. (US)
JOURNAL
FEATURES
SOURCE
            1. 19
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"
            /note="Cyclin D2 ribozyme binding site"

Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4099 CTGAGTCGGAGCCCG 4115
      |||||
      19 CGGAGTCGGAGCCCG 3

RESULT 1931
LOCUS      AX201505          19 bp      DNA          PAT 30-AUG-2001
DEFINITION Sequence 184 from Patent WO0153486.
ACCESSION  AX201505
VERSION     AX201505.1  GI:15391338
KEYWORDS
ORGANISM    synthetic construct
            synthetic construct
            artificial sequences.
            1
            Ashkenazi,A.J., Goddard,A., Godowski,P.J., Gurney,A.L.,
            Hillan,K.J., Marsters,S.A., Pan,J., Pittl,R.M., Roy,M.A., Smith,V.,
            Stone,D.M., Watanabe,C.K. and Wood,W.I.
            Compositions and methods for the treatment of tumour
            Patent: WO 0153486-A 184 26-JUL-2001;
            Genentech, inc. (US)
JOURNAL
FEATURES
SOURCE      location/Qualifiers
            1. 19
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Synthetic Oligonucleotide Probe."

Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 526 GGAACCATGCGACATC 542  
|||  
Db 3 GGAACCATTCGACATC 19

RESULT 1932  
AX202547/c 19 bp DNA PAT 30-AUG-2001  
LOCUS Sequence 20 from Patent WO0153460.  
ACCESSION AX202547  
VERSION AX202547.1 GI:15392244  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Choo, Y., Klug, A. and Moore, M.T.  
TITLE Nucleic acid binding polypeptides characterized by flexible linkers  
JOURNAL Connected nucleic acid binding modules  
Patent: WO 0153480-A 20 26-JUL-2001;  
Gendag Limited (GB)  
FEATURES Location/Qualifiers  
source 1..19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Binding site sequence"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3917 CCCGAGCGCGCGCGC 3933  
|||  
Db 17 CCCAGCGCGCGTCGC 1

RESULT 1933  
AX306402/c 19 bp DNA PAT 11-DEC-2001  
LOCUS Sequence 51 from Patent WO0187039.  
ACCESSION AX306402  
VERSION AX306402.1 GI:17645631  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Prezant, T.R., Heaney, A.P. and Melmed, S.  
TITLE Treatment of neoplasia / transformation using pituitary tumor  
JOURNAL transforming gene 2  
Patent: WO 0187039-A 51 22-NOV-2001;  
CEDARS-SINAI MEDICAL CENTER (US)  
FEATURES Location/Qualifiers  
source 1..19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Reverse primer 3-434R"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2776 GCTTGAGAGCTTTGTC 2792  
|||  
Db 19 GCTTCGAGAGCTTTGAC 3

RESULT 1934  
AX320115/c 19 bp DNA PAT 14-DEC-2001  
LOCUS AX320115

DEFINITION Sequence 51 from Patent WO0188116.  
ACCESSION AX320115  
VERSION AX320115.1 GI:17901613  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Stolka, R., Horwitz, G.A., Zhang, X. and Melmed, S.  
TITLE Method of modulating activation of lymphocytes via modulation of  
JOURNAL pituitary tumor transforming gene, related screening methods  
Patent: WO 0188116-A 51 22-NOV-2001;  
CEDARS-SINAI MEDICAL CENTER (US)  
FEATURES Location/Qualifiers  
source 1..19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Reverse primer 3-434R"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2776 GCTTGAGAGCTTTGTC 2792  
|||  
Db 19 GCTTCGAGAGCTTTGAC 3

RESULT 1935  
AX329290 19 bp DNA PAT 08-JAN-2002  
LOCUS Sequence 26 from Patent WO0194387.  
DEFINITION AX329290  
ACCESSION AX329290  
VERSION AX329290.1 GI:18102305  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Kirchhoff, C. and Iwells, R.  
TITLE Ependyma-specific proteins with fibronectin type II modules  
JOURNAL Patent: WO 0194387-A 26 13-DEC-2001;  
IHF INSTITUT FUER HORMON- UND FORTPFLANZUNGSFORSCHUNG GmbH (DE)  
FEATURES Location/Qualifiers  
source 1..19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="CE12 Primer"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1794 AAGGCGCAGGAGAGC 1810  
|||  
Db 1 AAGTGCGAGGAGAGCC 17

RESULT 1936  
AX352426/c 19 bp DNA PAT 06-FEB-2002  
LOCUS Sequence 51 from Patent WO0187934.  
ACCESSION AX352426  
VERSION AX352426.1 GI:18617694  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Horwitz, G.A., Zhang, X., Heaney, A. and Melmed, S.  
TITLE Treatment of neoplasia / transformation using pituitary tumor

transforming gene carboxy terminal peptides  
JOURNAL Patent: WO 0187934-A 51 22-NOV-2001;  
CEDARS-SINAI MEDICAL CENTER (US)

## FEATURES

SOURCE

Location/Qualifiers

1..19

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Reverse primer 3-434R"

## Query Match

0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2776 GCTTGGAGAGTTTGTG 2792

Db 19 GCTTGGAGAGTTTGTGAC 3

## RESULT 1937

AX419646/c

LOCUS AX419646 19 bp DNA linear PAT 18-JUN-2002  
DEFINITION Sequence 51 from Patent WO0187935.  
ACCESSION AX419646  
VERSION AX419646.1 GI:21524015  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.

## REFERENCE

1

Heaney, A.P., Ishikawa, H., Yu, R., Horwitz, G.A., Zhang, X. and  
Melmed, S.

Methods of modulating angiogenesis by regulating the expression of  
plutary tumor transforming gene (pttg)

Patent: WO 0187935-A 51 22-NOV-2001;  
CEDARS-SINAI MEDICAL CENTER (US)

## JOURNAL

Location/Qualifiers

1..19

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Reverse primer 3-434R"

## Query Match

0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2776 GCTTGGAGAGTTTGTG 2792

Db 19 GCTTGGAGAGTTTGTGAC 3

## RESULT 1938

AX419902/c

LOCUS AX419902 19 bp DNA linear PAT 18-JUN-2002  
DEFINITION Sequence 239 from Patent WO0198537.  
ACCESSION AX419902  
VERSION AX419902.1 GI:21524269  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.

## REFERENCE

1

Lyamichiev, V., Allawi, H., Dong, F., Neri, B.P. and Vener, I.T.  
Nucleic acid accessible hybridization sites

Patent: WO 0198537-A 239 27-DEC-2001;  
THIRD WAVE TECHNOLOGIES, INC. (US)

## JOURNAL

Location/Qualifiers

1..19

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

## FEATURES

SOURCE

Location/Qualifiers

1..19

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2661 TCCAGAACGCTCCCG 2677

Db 19 TCCAGAACGCTCCCG 3

## RESULT 1939

AX454942/c

LOCUS AX454942 19 bp DNA linear PAT 06-JUL-2002  
DEFINITION Sequence 9 from Patent WO0208453.  
ACCESSION AX454942  
VERSION AX454942.1 GI:21714127  
KEYWORDS  
SOURCE  
ORGANISM  
Canis familiaris (dog)  
Canis familiaris  
Mammalia; Buttheria; Carnivora; Fissipedidae; Canidae; Canis.

## REFERENCE

1

Farr, S.B., Pickett, G.G., Neft, R.E. and Dunn, R.T.  
Canine toxicity genes

Patent: WO 0208453-A 9 31-JAN-2002;  
Phase-1 Molecular Toxicology (US)

## JOURNAL

Location/Qualifiers

1..19

/organism="Canis familiaris"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9615"

## Query Match

0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1882 AGAAGAGTGCTGAG 1898

Db 19 AGAAGAGTGCTGAG 3

## RESULT 1940

AX482131/c

LOCUS AX482131 19 bp DNA linear PAT 16-AUG-2002  
DEFINITION Sequence 108 from Patent EP125233.  
ACCESSION AX482131  
VERSION AX482131.1 GI:22316853  
KEYWORDS  
SOURCE  
ORGANISM  
synthetic construct  
synthetic construct  
artificial sequences.

## REFERENCE

1

van der Kuy, A.C. and Cornelissen, M.  
Means and methods for treatment evaluation

Patent: EP 125233-A 108 24-JUL-2002;  
Amsterdam Support Diagnostics B.V. (NL)

## JOURNAL

Location/Qualifiers

1..19

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="3'TAG022GENE"

## Query Match

0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1026 ACCAGTGGGCTCCAGA 1042

Db 19 ACCAGTGGGCTCCAGA 3

## RESULT 1941

AX503887/c

LOCUS AX503887 19 bp DNA linear PAT 27-SEP-2002  
DEFINITION Sequence 117 from Patent WO0226826.  
ACCESSION AX503887  
VERSION AX503887.1 GI:23386004  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Gerlach, V.L., MacDougall, J.R., Smithson, G., Millet, I., Stone, D., Gunther, E., Ellerman, K., Grose, W.M., Alabrook, J.P., Lepley, D.M., Burgess, C.E., Padigar, M., Kekuda, R., Spytek, K.A., Leach, M.D. and Shinkets, R.A.  
TITLE Proteins and nucleic acids encoding same  
JOURNAL Patent: WO 0226826-A 117 04-APR-2002;  
Curagen Corporation (US)  
FEATURES  
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1. 19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Ag1537 Reverse"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2728 TGAAGACCAAGTCCAG 2744  
18 TCAAGACCAAGTCCAG 2

RESULT 1942  
LOCUS AX511370/c 19 bp DNA linear PAT 27-SEP-2002  
DEFINITION Sequence 108 from Patent WO02059558.  
ACCESSION AX511370  
VERSION AX511370.1 GI:23392247  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS van der Kuy, A.C. and Cornelissen, M.  
TITLE Means and methods for treatment evaluation  
JOURNAL Patent: WO 02059558-A 108 01-AUG-2002;  
Amsterdam Support Diagnostics B.V. (NL)  
FEATURES  
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1. 19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="3'TAG022GEBNE"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1026 ACCAGTGGGCTTCACA 1042  
19 ACCAATGGGCTTCACA 3

RESULT 1943  
LOCUS AX598310 19 bp DNA linear PAT 14-FEB-2003  
DEFINITION Sequence 584 from Patent WO0244994.  
ACCESSION AX598310  
VERSION AX598310.1 GI:28398486  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
FEATURES  
artificial sequences.

REFERENCE 1  
AUTHORS Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arruda Indig, M., Kurensky, D., Luedtke, C., Lukowiak, A.A., Lyamichev, V., Neri, B.P., Reimer, N.D., Roeven, R.T., Skrzypczynski, Z., Ziarno, W.A., Comerford, J., Stump, S. and Viegut, D.D.  
TITLE Systems and method for detection assay production and sale  
JOURNAL Patent: WO 0244994-A 584 06-JUN-2002;  
THIRD WAVE TECHNOLOGIES, INC. (US)  
FEATURES  
source  
1. 19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5213 TGCACCCACATTTCCA 5229  
3 TGCACCCACATTTCCA 19

RESULT 1944  
LOCUS AX598471 19 bp DNA linear PAT 14-FEB-2003  
DEFINITION Sequence 745 from Patent WO0244994.  
ACCESSION AX598471  
VERSION AX598471.1 GI:28398647  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arruda Indig, M., Kurensky, D., Luedtke, C., Lukowiak, A.A., Lyamichev, V., Neri, B.P., Reimer, N.D., Roeven, R.T., Skrzypczynski, Z., Ziarno, W.A., Comerford, J., Stump, S. and Viegut, D.D.  
TITLE Systems and method for detection assay production and sale  
JOURNAL Patent: WO 0244994-A 745 06-JUN-2002;  
THIRD WAVE TECHNOLOGIES, INC. (US)  
FEATURES  
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1. 19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3459 CTCCTCCGAGACACA 3475  
2 CACCCACGAGACACA 18

RESULT 1945  
LOCUS AX643199 19 bp DNA linear PAT 24-FEB-2003  
DEFINITION Sequence 65 from Patent WO02099099.  
ACCESSION AX643199  
VERSION AX643199.1 GI:28550379  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Penger, A., Sprenger, R. and Brinkmann, U.  
TITLE Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8 and their use in diagnostic and therapeutic applications  
JOURNAL Patent: WO 02099099-A 65 12-DEC-2002;  
Epidaurus Biotechnologie AG (DE)  
FEATURES  
Location/Qualifiers





therapeutic use thereof.  
ACCESSION BD023222  
VERSION BD023222.1 GI:22564445  
KEYWORDS JP 2001504500-A/5.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Leclerc,G. and Martel,R.  
TITLE Radiolabeled DNA oligonucleotide, method for preparing the same and therapeutic use thereof  
JOURNAL Patent: JP 2001504500-A 5 03-APR-2001;  
ANGIOGENE CANADA INC, CENTRE DE RECHERCHE DE CENTRE OSPITALIRE DE UNIVERSITE DE MONTREAL  
COMMENT OS Homo sapiens (human)  
PN JP 2001504500-A/5  
PD 03-APR-2001  
PF 26-NOV-1997 JP 1998524079  
PR 26-NOV-1996 US 08/756728  
PI GUY LECLEERC,HEMI MARTEL  
PC A61K48/00,A61K51/00,A61P9/00,A61P35/00,A61P43/00,A61K43/00 CC  
FH Key Location/Qualifiers  
1. .19  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3282 ATGCCCTGCACCTGAA 3298  
DB 1 ATGCCCTGCACCTGAA 17  
RESULT 1951  
BD064467  
LOCUS BD064467 19 bp DNA linear PAT 27-AUG-2002  
DEFINITION Covalent joining of DNA strands to RNA strands catalyzed by vaccine topoisomerase.  
ACCESSION BD064467  
VERSION BD064467.1 GI:22610070  
KEYWORDS JP 2001507241-A/15.  
SOURCE Vaccinia virus  
ORGANISM Vaccinia virus  
Virusae; dsDNA viruses, no RNA stage; Poxviridae; Chordopoxvirinae; Orthopoxvirus.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Shuman,S., Sekiguchi,J., Fernandez,J., Marcll,R., Hoeffler,J. and Comiskey,J.  
TITLE Covalent joining of DNA strands to RNA strands catalyzed by vaccine topoisomerase  
JOURNAL Patent: JP 2001507241-A 15 05-JUN-2001;  
COMMENT OS Vaccinia virus  
SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH,INVITROGEN CORP  
PN JP 2001507241-A/15  
PD 05-JUN-2001 JP 1999503313  
PF 12-JUN-1998 US 60/049405  
PI STEWART SHUMAN,JOANN SEKIGUCHI,JOSEPH FERNANDEZ,ROBERT MARCIL,  
PI JAMES HOFFELER,JOHN COMISKY  
PC C12P19/34,C12Q1/68,C12N15/11  
CC  
FH Key Location/Qualifiers  
1. .19  
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Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1540 TCCTGCAGCTCATTAAG 1556  
DB 3 TCCTGCAGCTCATTAAG 19  
RESULT 1952  
BD078662  
LOCUS BD078662 19 bp DNA linear PAT 27-AUG-2002  
DEFINITION IL-6 receptor derivative.  
ACCESSION BD078662  
VERSION BD078662.1 GI:22624265  
KEYWORDS JP 2001269186-A/14.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Kishimoto,C., Yahata,H. and Yasukawa,K.  
TITLE IL-6 receptor derivative  
JOURNAL Patent: JP 2001269186-A 14 02-OCT-2001;  
CHUZO KISHIMOTO,CHUGAI PHARMACEUTICAL CO LTD,TOSOH CORP  
COMMENT OS unidentified  
PN JP 2001269186-A/14  
PD 02-OCT-2001  
PF 22-FEB-2001 JP 2001047237  
PI CHUZO KISHIMOTO,HIDEO YAHATA,KIYOSHI YASUKAWA PC  
C12N15/09,C07K14/715,C12N1/15,C12N1/19,C12N1/21,C12N5/10, PC  
C12N21/02,  
PC C12N15/00,C12N5/00  
CC Strandedness: Single;  
CC Topology: Linear;  
CC IL-6 receptor derivative  
FH Key Location/Qualifiers  
FT source 1. .19  
/organism="unidentified".  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"  
Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 4863 GATGCCAAGGCTGTGC 4879  
DB 1 GATGCCAAGGCTGTGC 17  
RESULT 1953  
BD083399/C  
LOCUS BD083399 19 bp DNA linear PAT 27-AUG-2002  
DEFINITION Human matured/activated dendritic cell expression genes.  
ACCESSION BD083399  
VERSION BD083399.1 GI:22629009  
KEYWORDS JP 2001327293-A/320.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Matsumura,K., Hashimoto,S., Suzuki,T. and Nagai,S.  
TITLE Human matured/activated dendritic cell expression genes  
JOURNAL Patent: JP 2001327293-A 320 27-NOV-2001;  
COMMENT OS Artificial Sequence  
PN JP 2001327293-A/320  
PD 27-NOV-2001  
PF 22-MAY-2000 JP 2000150562  
PI KOJI MATSUMURA,SHINICHI HASHIMOTO,TAKUJI SUZUKI,SHIGEMORI PI



Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1413 GAGGTGAAGCAGAGTC 1429  
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17 GAGGTGAAGCAGAGTC 1

Db 17 GAGGTGAAGCAGAGTC 1

RESULT 1957  
AB068053/c  
LOCUS AB068053 19 bp DNA SYN 21-MAY-2003  
DEFINITION Synthetic construct DNA, reverse primer for human STS sts-R159A20F at 1p36.  
ACCESSION AB068053  
VERSION AB068053.1 GI:15128857  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
AUTHORS 1  
Chen, Y.-Z., Hayashi, Y., Wu, J. G., Takaoka, E., Maekawa, K.,  
Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,  
Mochizuki, A., Ohira, M., Nakagawa, A., Liu, S., Hoshi, M., Horii, A.  
and Soeda, E.  
A BAC-based STS-content map spanning a 35-Mb region of human  
chromosome 1p35-p36  
Genomics 74 (1), 55-70 (2001)  
JOURNAL 21269192  
MEDLINE 11374902  
PUBMED 11374902  
REFERENCE 2 (bases 1 to 19)  
AUTHORS Horii, A.  
TITLE Direct Submission  
SUBMITTER (04-AUG-2001) Akira Horii, Tohoku University School of  
Medicine, Molecular Pathology/2-1 Seiryomachi, Aoba-ku, Sendai,  
Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,  
Tel: 81-22-717-8042; Fax: 81-22-717-8047)  
LOCATION/Qualifiers  
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source  
1. .19  
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/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"  
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1. \_19  
/note="reverse primer for human STS sts-R159A20F at 1p36  
sts-R159A20F obtained from clones B159A20, B184F11,  
B58124, Human BAC library RPCI-11"  
Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3325 CCACAGCCTGAGCTAC 3341  
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19 CCACAGCCTGAGCTAC 3

Db 19 CCACAGCCTGAGCTAC 3

RESULT 1958  
ARI31515/c  
LOCUS ARI31515 20 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 8 from patent US 6194149.  
ACCESSION ARI31515  
VERSION ARI31515.1 GI:14120418  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
Neri, B., Dong, F., Lyamichev, V., Brow, M. Ann. D. and Fors, L.  
TITLE Target-dependent reactions using structure-bridging  
oligonucleotides  
JOURNAL Patent: US 6194149-A 8 27-FEB-2001;  
FEATURES  
source  
1. .20  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGGCCGCTGG 822  
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20 ATACCTGGCCGCTGG 4

Db 20 ATACCTGGCCGCTGG 4

RESULT 1959  
ARI44092/c  
LOCUS ARI44092 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 8 from patent US 6210880.  
ACCESSION ARI44092  
VERSION ARI44092.1 GI:15105959  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
Lyamichev, V. I., Dong, F., Brow, M. Ann. D., Fors, L. and Neri, B. P.  
TITLE Polymorphism analysis by nucleic acid structure probing with  
structure-bridging oligonucleotides  
JOURNAL Patent: US 6210880-A 8 03-APR-2001;  
FEATURES  
source  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGGCCGCTGG 822  
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20 ATACCTGGCCGCTGG 4

Db 20 ATACCTGGCCGCTGG 4

RESULT 1960  
ARI99449/c  
LOCUS ARI99449 20 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 8 from patent US 6355437.  
ACCESSION ARI99449  
VERSION ARI99449.1 GI:20249523  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
AUTHORS 1 (bases 1 to 20)  
Neri, B., Dong, F., Lyamichev, V., Brow, M. Ann. D. and Fors, L.  
TITLE Target-dependent reactions using structure-bridging  
oligonucleotides  
JOURNAL Patent: US 6355437-A 8 12-MAR-2002;  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGGCCGCTGG 822  
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20 ATACCTGGCCGCTGG 4

Db 20 ATACCTGGCCGCTGG 4

RESULT 1961  
AR200920/c  
LOCUS AR200920 20 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 8 from patent US 6358691.

ACCESSION AR200920  
VERSION AR200920.1 GI:20251808  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Neri, B., Dong, F., Lyamichiev, V., Brow, M. Ann. D. and Fors, L.  
TITLE Target-dependent reactions using structure-bridging  
JOURNAL  
FEATURES  
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Location/Qualifiers  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGTGCGCGCTGG 822  
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RESULT 1962  
LOCUS AR488682/c 20 bp DNA linear PAT 15-MAY-2004  
DEFINITION Sequence 8 from patent US 6709815.  
ACCESSION AR488682  
VERSION AR488682.1 GI:47254880  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Dong, F., Lyamichiev, V.I., Prudent, J.R., Fors, L., Neri, B.P.,  
Brow, M.A.D., Anderson, T.A. and Dahlberg, J.E.  
TITLE Target-dependent reactions using structure-bridging  
JOURNAL  
FEATURES  
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Location/Qualifiers  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGTGCGCGCTGG 822  
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20 ATACCTGTGCGCGCTGG 4

RESULT 1963  
LOCUS AR488906/c 20 bp DNA linear PAT 15-MAY-2004  
DEFINITION Sequence 8 from patent US 6709819.  
ACCESSION AR488906  
VERSION AR488906.1 GI:47255133  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Lyamichiev, V.I., Dong, F., Brow, M.A.D., Fors, L. and Neri, B.P.  
TITLE Polymorphism analysis by nucleic acid structure probing with  
structure-bridging oligonucleotides  
JOURNAL  
FEATURES  
source  
Location/Qualifiers  
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/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGTGCGCGCTGG 822  
|||||  
20 ATACCTGTGCGCGCTGG 4

RESULT 1964  
LOCUS AX419671/c 20 bp DNA linear PAT 18-JUN-2002  
DEFINITION Sequence 8 from Patent WO0198537.  
ACCESSION AX419671  
VERSION AX419671.1 GI:21524038  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Lyamichiev, V., Allawi, H., Dong, F., Neri, B.P. and Vener, I.T.  
TITLE Nucleic acid accessible hybridization sites  
JOURNAL  
FEATURES  
source  
Location/Qualifiers  
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/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGTGCGCGCTGG 822  
|||||  
20 ATACCTGTGCGCGCTGG 4

RESULT 1965  
LOCUS BD084933/c 20 bp DNA linear PAT 27-AUG-2002  
DEFINITION Target-dependent reactions using structure-bridging  
ACCESSION BD084933  
VERSION BD084933.1 GI:22630543  
KEYWORDS JP 2001523111-A/8.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Dong, F., Lyamichiev, V.I., Prudent, J.R., Fors, L., Neri, B.P.,  
Brow, M.A.D., Anderson, T.A. and Dahlberg, J.E.  
TITLE Target-dependent reactions using structure-bridging  
JOURNAL  
COMMENT  
OS Unidentified  
PN JP 2001523111-A/8  
PD 20-NOV-2001 JP 1998548047  
PR 05-MAY-1998 US 08/851588,19-SEP-1997 US 08/934097 PR  
03-MAR-1998 US 09/034205  
PI FANG DONG, VICTOR I LYAMICHEV, JAMES R PRUDENT, LANCE FOS, BRUCE  
PI MARY ANN D BROW, TODD A ANDERSON, JAMES E DAHLBERG PC  
C07H21/04, C07H21/02, C12Q1/68  
CC Strandedness: Single;  
CC Topology: Linear;  
CC /desc = 'DNA'  
FH key Location/Qualifiers

FT source 1..20  
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Location/Qualifiers  
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/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGTGCCCTGG 822  
Db 20 ATACCTGTGCCCTGG 4

RESULT 1966  
A23230. 20 bp DNA linear PAT 30-NOV-1994  
LOCUS oligonucleotide (NO:18).  
DEFINITION A23230  
ACCESSION A23230  
VERSION A23230.1 GI:641670  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Jeffreys,A.J.  
TITLE Method of characterising genomic DNA  
JOURNAL Patent: EP 0530009-A 18 03-MAR-1993;  
IMPERIAL CHEMICAL INDUSTRIES PLC; ZENECA LIMITED  
Location/Qualifiers  
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/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32650"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2685 GACAGCCGACGACGAT 2701  
Db 2 GACAGCCGACGACGAT 18

RESULT 1967  
A31724 20 bp DNA linear PAT 30-NOV-1995  
LOCUS A31724  
DEFINITION Mutagenesis oligonucleotide 823 from patent EP0413383.  
ACCESSION A31724  
VERSION A31724.1 GI:1249421  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Dorsseers,L.C.J. and Van Leen,R.W.  
TITLE Mutants of human Interleukin-3  
JOURNAL Patent: EP 0413383-A 16 20-FEB-1991;  
GIST-BROCADES N.V.  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32650"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2650 CCCAGTTGTCTCCAG 2666

Db 18 CCCAGTTGTCTCCAG 2

RESULT 1968  
A45278 20 bp DNA linear PAT 07-MAR-1997  
LOCUS A45278  
DEFINITION Sequence 9 from Patent WO9518223.  
ACCESSION A45278  
VERSION A45278.1 GI:2299764  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Giovannangeli,C. and Helene,C.  
TITLE GENE EXPRESSION CONTROL  
JOURNAL Patent: WO 9518223-A 9 06-JUL-1995;  
CENTRE NAT RECH SCIENT (FR)  
COMMENT Other publication CA 2180032 950706  
Other publication FI 962693 960628  
Other publication NO 962707 960626  
Other publication ZA 9410367 950920  
Other publication AU 1388495 950717  
Other publication FR 2714383 950630.  
Location/Qualifiers  
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/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTTCT 283  
Db 20 CCCCTCTCTCTTCT 4

RESULT 1969  
A95828 20 bp DNA linear PAT 26-JAN-2000  
LOCUS A95828  
DEFINITION Sequence 1 from Patent WO9924608.  
ACCESSION A95828  
VERSION A95828.1 GI:679764  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Lev,Z. and Herzog,R.  
TITLE METHOD FOR LABELING POLYNUCLEOTIDES  
JOURNAL Patent: WO 9924608-A 1 20-MAY-1999;  
TECHNION RES & DEV FOUNDATION (IL); LEV ZEEV (IL)  
Location/Qualifiers  
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/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCCGACGCGC 3927  
Db 18 GCCCACCCGACGCGC 2

RESULT 1970  
AR005166 20 bp DNA linear PAT 04-DEC-1998  
LOCUS AR005166

DEFINITION Sequence 23 from patent US 5747641.  
ACCESSION AR005166  
VERSION AR005166.1 GI:3966045  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Frankel,A., Pabo,C., Barsoun,J.G., Fawell,S.E. and  
TITLE Pepinsky,R.Blake.  
JOURNAL Tat-derived transport polypeptide conjugates  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4554 CCCAACCCACCGATT 4570  
Db 4 CCCAGACCCACCGATT 20

RESULT 1971  
LOCUS AR026494/c 20 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 1 from patent US 5856099.  
ACCESSION AR026494  
VERSION AR026494.1 GI:5937334  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Miraglia,L., Bennett,C., Frank., Dean,N. and Geiger,T.  
TITLE Antisense compositions and methods for modulating type I  
JOURNAL Interleukin-1 receptor expression  
FEATURES  
source Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 216 AGCCGCGCGACCGCTGG 232  
Db 20 AGCCGCGCGACCGCTGG 4

RESULT 1972  
LOCUS AR026559/c 20 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 22 from patent US 5856103.  
ACCESSION AR026559  
VERSION AR026559.1 GI:5937399  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Gray,D.M. and Clark,C.L.  
TITLE Method for selectively ranking sequences for antisense targeting  
JOURNAL Patent: US 5856103-A 22 05-JAN-1999;  
FEATURES  
source Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 CAGAGCGACCGCGCG 422  
Db 17 CAGAGCGACCGCGCG 1

RESULT 1973  
LOCUS AR032109/c 20 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 30 from patent US 5866698.  
ACCESSION AR032109  
VERSION AR032109.1 GI:5946398  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Ecker,D., Vickers,T.A. and Bruce,T.W.  
TITLE Modulation of gene expression through interference with RNA  
JOURNAL secondary structure  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4299 GCAACAACAGTCTGG 4315  
Db 17 GCAACTCACAGTCTGG 1

RESULT 1974  
LOCUS AR038376 20 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 23 from patent US 5804604.  
ACCESSION AR038376  
VERSION AR038376.1 GI:5957093  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Frankel,A., Pabo,C., Barsoun,J.G., Fawell,S.E. and  
TITLE Pepinsky,R.Blake.  
JOURNAL Tat-derived transport polypeptides and fusion proteins  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4554 CCCAACCCACCGATT 4570  
Db 4 CCCAGACCCACCGATT 20

RESULT 1975  
LOCUS AR040862 20 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 18 from patent US 5811235.  
ACCESSION AR040862

VERSION AR040862.1 GI:5961358  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Jeffreys,A.John.  
TITLE Method of characterisation  
JOURNAL Patent: US 5811235-A 18 22-SEP-1998;  
FEATURES Location/Qualifiers  
source 1..20  
/mol\_type="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2685 GACAGCCAGACAGAT 2701  
DB 2 GACAGCCAGGCGCAGGT 18

RESULT 1976  
AR042863/c  
LOCUS AR042863 20 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 1 from patent US 5811537.  
ACCESSION AR042863  
VERSION AR042863.1 GI:5963359  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Friesen,A.D.  
TITLE Antisense oligonucleotides targeted against human immunodeficiency virus  
JOURNAL Patent: US 5811537-A 1 22-SEP-1998;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 CAAAGGCGAAGCGCGG 422  
DB 17 CAAAGGCGCGAGCGCGG 1

RESULT 1977  
AR055037  
LOCUS AR055037 20 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 50 from patent US 5837464.  
ACCESSION AR055037  
VERSION AR055037.1 GI:5980614  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Capon,D. and Petropoulos,C.J.  
TITLE Compositions and methods for determining anti-viral drug susceptibility and resistance and anti-viral drug screening  
JOURNAL Patent: US 5837464-A 50 17-NOV-1998;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTTCT 283  
DB 1 CCCATCTCTCTCTCT 17

RESULT 1978  
AR068394  
LOCUS AR068394 20 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 18 from patent US 5853989.  
ACCESSION AR068394  
VERSION AR068394.1 GI:6000601  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Jeffreys,A.John., Little,S., Ferrie,R.Mark. and Brownie,J.  
TITLE Method of characterisation of genomic DNA  
JOURNAL Patent: US 5853989-A 18 29-DEC-1998;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2685 GACAGCCAGACAGAT 2701  
DB 2 GACAGCCAGGCGCAGGT 18

RESULT 1979  
AR070812  
LOCUS AR070812 20 bp DNA linear PAT 18-FEB-2000  
DEFINITION Sequence 3 from patent US 5908773.  
ACCESSION AR070812  
VERSION AR070812.1 GI:7221700  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Ceszerman,E., Arvanitakis,L., Knowles,D.M. and Westl,E.  
TITLE KSHV positive cell lines  
JOURNAL Patent: US 5908773-A 3 01-JUN-1999;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1664 CCAGCTCTGACGACA 1680  
DB 2 CTAGCTCTTGACGACA 18

RESULT 1980  
AR073322/c  
LOCUS AR073322 20 bp DNA linear PAT 28-AUG-2000  
DEFINITION Sequence 6 from patent US 5948902.  
ACCESSION AR073322  
VERSION AR073322.1 GI:10000085  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.



Unclassified.  
1 (bases 1 to 20)  
REFERENCE  
AUTHORS Honkanen,R.E. and Dean,N.M.  
TITLE Antisense oligonucleotides to human serine/threonine protein  
JOURNAL phosphatase genes  
Patent: US 5948902-A 6 07-SEP-1999;  
FEATURES  
SOURCE  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1412 TGAGGTGAGCGCAGCT 1428  
Db 19 TGAGGTGAGCGCAGCT 3

RESULT 1981  
LOCUS AR075417/c 20 bp DNA linear PAT 30-AUG-2000  
DEFINITION Sequence 12 from patent US 5958403.  
ACCESSION AR075417  
VERSION AR075417.1 GI:10002167  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Strom,T. and Libermann,T.  
TITLE Methods and compounds for prevention of graft rejection  
JOURNAL Patent: US 5958403-A 12-28-SEP-1999;  
FEATURES  
SOURCE  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3757 TGGCCTCCTCAGCTGC 3773  
Db 19 TGGCCTCCTCAGCTGC 3

RESULT 1982  
LOCUS AR077018 20 bp DNA linear PAT 31-AUG-2000  
DEFINITION Sequence 9 from patent US 5962218.  
ACCESSION AR077018  
VERSION AR077018.1 GI:10003764  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Leland,J.K., Shah,H.P., Kenten,J.H., Goodman,J.E., Lowke,G.E.,  
Blackburn,G.F. and Massey,R.J.  
TITLE Methods and apparatus for improved luminescence assays  
JOURNAL Patent: US 5962218-A 9 05-OCT-1999;  
FEATURES  
SOURCE  
1. .20  
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/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3911 GCCCACCACGCGCGC 3927

Db 18 GCCCACCACGCGCGC 2

RESULT 1983  
LOCUS AR077020 20 bp DNA linear PAT 31-AUG-2000  
DEFINITION Sequence 11 from patent US 5962218.  
ACCESSION AR077020  
VERSION AR077020.1 GI:10003766  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Leland,J.K., Shah,H.P., Kenten,J.H., Goodman,J.E., Lowke,G.E.,  
Blackburn,G.F. and Massey,R.J.  
TITLE Methods and apparatus for improved luminescence assays  
JOURNAL Patent: US 5962218-A 11 05-OCT-1999;  
FEATURES  
SOURCE  
1. .20  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3911 GCCCACCACGCGCGC 3927  
Db 3 GCCCACCACGCGCGC 19

RESULT 1984  
LOCUS AR080744 20 bp DNA linear PAT 31-AUG-2000  
DEFINITION Sequence 49 from patent US 5968826.  
ACCESSION AR080744  
VERSION AR080744.1 GI:10007474  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.Frank., Condon,T.P. and Coweart,L.M.  
TITLE Antisense inhibition of integrin alpha.4 expression  
JOURNAL Patent: US 5968826-A 49 19-OCT-1999;  
FEATURES  
SOURCE  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2984 GCCCAGCAAGCCGAC 3000  
Db 20 GCCCAGCAAGCCGAC 4

RESULT 1985  
LOCUS AR082237 20 bp DNA linear PAT 31-AUG-2000  
DEFINITION Sequence 81 from patent US 5972704.  
ACCESSION AR082237  
VERSION AR082237.1 GI:10008963  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Draper,K.G., Chowrira,B., McSwigen,J., Stinchcomb,D.T. and

TITLE Thompson,J.D.  
JOURNAL HIV nef targeted ribozymes  
Patent: US 5972704-A 81 26-OCT-1999;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGGCA 4301  
| | | | | | | | | | | | | | | | | | | | | |  
Db 17 CACACACGACGCGGCA 1

RESULT 1986  
AR082244/c 20 bp DNA linear PAT 31-AUG-2000  
LOCUS AR082244  
DEFINITION Sequence 88 from patent US 5972704.  
ACCESSION AR082244  
VERSION AR082244.1 GI:10008970  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Draper,K.G., Chowrira,B., McSwiggen,J., Stinchcomb,D.T. and  
Thompson,J.D.  
TITLE HIV nef targeted ribozymes  
JOURNAL Patent: US 5972704-A 88 26-OCT-1999;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGGCA 4301  
| | | | | | | | | | | | | | | | | | | | | |  
Db 17 CACACACGACGCGGCA 1

RESULT 1987  
AR084305/c 20 bp DNA linear PAT 01-SEP-2000  
LOCUS AR084305  
DEFINITION Sequence 11 from patent US 5980909.  
ACCESSION AR084305  
VERSION AR084305.1 GI:10011076  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Briles,D.E., Voither,J.L. and McDaniel,L.S.  
TITLE Epitopic regions of pneumococcal surface protein A  
JOURNAL Patent: US 5980909-A 11 09-NOV-1999;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1664 CCAGCTCTGACGACGAG 1680  
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Db 20 CCAGCTCTGACGACGAG 4

RESULT 1988  
AR088465/c 20 bp DNA linear PAT 07-SEP-2000  
LOCUS AR088465  
DEFINITION Sequence 51 from patent US 5989885.  
ACCESSION AR088465  
VERSION AR088465.1 GI:10015229  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Teng,D.H.-F., Tavtjian,S.V., Perry,W.L. III and Skolnick,M.H.  
TITLE Specific mutations of map kinase 4 (MKK4) in human tumor cell lines  
JOURNAL Identify it as a tumor suppressor in various types of cancer  
Patent: US 5989885-A 51 23-NOV-1999;  
FEATURES Location/Qualifiers  
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/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 308 GTAATGAGGAGATTCTC 324  
| | | | | | | | | | | | | | | | | | | | | |  
Db 19 GCATGAGGAGATTCTC 3

RESULT 1989  
AR092339 20 bp DNA linear PAT 08-SEP-2000  
LOCUS AR092339  
DEFINITION Sequence 10 from patent US 5998148.  
ACCESSION AR092339  
VERSION AR092339.1 GI:10019093  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.Frank. and Ackermann,E.J.  
TITLE Antisense modulation of microtubule-associated protein 4 expression  
JOURNAL Patent: US 5998148-A 10 07-DEC-1999;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2061 CTGGGACACAGGAGC 2077  
| | | | | | | | | | | | | | | | | | | | | |  
Db 4 CTGGGACACAGGAGC 20

RESULT 1990  
AR092382/c 20 bp DNA linear PAT 08-SEP-2000  
LOCUS AR092382  
DEFINITION Sequence 53 from patent US 5998148.  
ACCESSION AR092382  
VERSION AR092382.1 GI:10019136  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.Frank. and Ackermann,E.J.  
TITLE Antisense modulation of microtubule-associated protein 4 expression  
JOURNAL Patent: US 5998148-A 53 07-DEC-1999;  
FEATURES Location/Qualifiers

source 1. .20  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4146 CCGGACCTCTCTCTG 4162  
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Db 20 CCGGTCCTCTCTCTG 4

RESULT 1991  
LOCUS AR098878/c 20 bp DNA PAT 14-FEB-2001  
DEFINITION Sequence 13 from patent US 6077685.  
ACCESSION AR098878  
VERSION AR098878.1 GI:12808644  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Trofatter,J.A., MacCollin,M.M. and Gusella,J.F.  
TITLE Tumor suppressor merlin and antibodies thereof  
JOURNAL Patent: US 6077685-A 13 20-JUN-2000;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 190 GCCAGAGGAGGAGGC 206  
|||||  
Db 17 GCCAGGAGGAGGAGGC 1

RESULT 1992  
LOCUS AR098944 20 bp DNA PAT 14-FEB-2001  
DEFINITION Sequence 80 from patent US 6077685.  
ACCESSION AR098944  
VERSION AR098944.1 GI:12808710  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Trofatter,J.A., MacCollin,M.M. and Gusella,J.F.  
TITLE Tumor suppressor merlin and antibodies thereof  
JOURNAL Patent: US 6077685-A 80 20-JUN-2000;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3056 GGAGATCAAGCTGCAGA 3072  
|||||  
Db 3 GGAGACCAAGCTGCAGA 19

RESULT 1993  
LOCUS AR099828/c 20 bp DNA PAT 14-FEB-2001  
DEFINITION Sequence 9 from patent US 6078782.

ACCESSION AR099828  
VERSION AR099828.1 GI:12809594  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Leland,J.K., Shah,H.P., Kenten,J.H., Goodman,J.E., Lowke,G.E.,  
Namba,Y., Blackburn,G.F. and Massey,R.J.  
TITLE Methods for improved particle electrochemiluminescence assays  
JOURNAL Patent: US 6078782-A 9 20-JUN-2000;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCAGCCGAGCGCGC 3927  
|||||  
Db 18 GCCCAGCCGAGCGCGC 2

RESULT 1994  
LOCUS AR099830 20 bp DNA PAT 14-FEB-2001  
DEFINITION Sequence 11 from patent US 6078782.  
ACCESSION AR099830  
VERSION AR099830.1 GI:12809596  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Leland,J.K., Shah,H.P., Kenten,J.H., Goodman,J.E., Lowke,G.E.,  
Namba,Y., Blackburn,G.F. and Massey,R.J.  
TITLE Methods for improved particle electrochemiluminescence assays  
JOURNAL Patent: US 6078782-A 11 20-JUN-2000;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCAGCCGAGCGCGC 3927  
|||||  
Db 3 GCCCAGCCGAGCGCGC 19

RESULT 1995  
LOCUS AR104500 20 bp DNA PAT 14-FEB-2001  
DEFINITION Sequence 3 from patent US 6093806.  
ACCESSION AR104500  
VERSION AR104500.1 GI:12817208  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cesarman,E. and Knowles,D.M.  
TITLE DNA encoding proteins of Kaposi's sarcoma associated herpesvirus  
JOURNAL Patent: US 6093806-A 3 25-JUL-2000;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1664 CCAGCTCCTGCACGACA 1680  
| | | | | | | | | | | | | | | | | | | | | |  
DB 2 CTAGCTCTTGACACAGA 18

## RESULT 1996

AR116258/c AR116258 20 bp DNA linear PAT 16-MAY-2001  
LOCUS AR116258  
DEFINITION Sequence 9 from patent US 6133024.  
ACCESSION AR116258  
VERSION AR116258.1 GI:14096580  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Helene,C. and GiovannangelI,C.  
TITLE Gene expression control  
JOURNAL Patent: US 6133024-A 9 17-OCT-2000;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTCTTCT 283  
| | | | | | | | | | | | | | | | | | | | | |  
DB 20 CCCATCTCTCTCTTCT 4

## RESULT 1997

AR116438 AR116438 20 bp DNA linear PAT 16-MAY-2001  
LOCUS AR116438  
DEFINITION Sequence 19 from patent US 6133246.  
ACCESSION AR116438  
VERSION AR116438.1 GI:14096760  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)  
AUTHORS McKay,R., Dean,N., Monia,B.P., Nero,P.S. and Gaarde,W.A.  
TITLE Antisense oligonucleotide compositions and methods for the  
modulation of JNK proteins  
JOURNAL Patent: US 6133246-A 19 17-OCT-2000;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4511 GGATGACCTCGAGAGCT 4527  
| | | | | | | | | | | | | | | | | | | | | |  
DB 1 GGATGACCTCGAGTGTCT 17

## RESULT 1998

AR117640 AR117640 20 bp DNA linear PAT 16-MAY-2001  
LOCUS AR117640/c  
DEFINITION Sequence 37 from patent US 6140125.  
ACCESSION AR117640  
VERSION AR117640.1 GI:14098546  
KEYWORDS

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

SOURCE Unknown.

ORGANISM Unknown.  
Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Taylor,J.K. and Cowseert,L.M.

TITLE Antisense inhibition of bcl-6 expression

JOURNAL Patent: US 6140125-A 37 31-OCT-2000;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2114 AGGTTCTCTCACAGCC 2130  
| | | | | | | | | | | | | | | | | | | | | |  
DB 20 AGAGTTCTCTCACAGCC 4

## RESULT 1999

AR117724/c AR117724 20 bp DNA linear PAT 16-MAY-2001  
LOCUS AR117724  
DEFINITION Sequence 32 from patent US 6140126.  
ACCESSION AR117724  
VERSION AR117724.1 GI:14098630  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Bennett,C.Frank. and Cowseert,L.M.

TITLE Antisense modulation of Y-box binding protein 1 expression

JOURNAL Patent: US 6140126-A 32 31-OCT-2000;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3794 GCGGCGCGCGGAGCA 3810  
| | | | | | | | | | | | | | | | | | | | | |  
DB 17 GCCTGCGCGCGGAGCA 1

## RESULT 2000

AR119270 AR119270 20 bp DNA linear PAT 16-MAY-2001  
LOCUS AR119270  
DEFINITION Sequence 33 from patent US 6150104.  
ACCESSION AR119270  
VERSION AR119270.1 GI:14101180  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Splawski,I. and Keating,M.T.

TITLE Homozygous mutation in KVLQT1 which causes Jervell and Lange

Nielsen syndrome  
JOURNAL Patent: US 6150104-A 33 21-NOV-2000;  
FEATURES  
source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 TCACCAAGCTGACGAG 755  
Db 4 TCTCCAGCTGACGAG 20

RESULT 2001  
LOCUS ARI20779/c 20 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 81 from patent US 6159692.  
ACCESSION ARI20779  
VERSION ARI20779.1 GI:14104355  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Draper,K.G., Chowrira,B., McSwiggen,J., Stinchcomb,D.T. and Thompson,J.D.  
TITLE Method and reagent for inhibiting human immunodeficiency virus replication  
JOURNAL Patent: US 6159692-A 81 12-DEC-2000;  
FEATURES  
Source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGGCA 4301  
Db 17 CACACACGACGCGGCA 1

RESULT 2002  
LOCUS ARI20786/c 20 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 88 from patent US 6159692.  
ACCESSION ARI20786  
VERSION ARI20786.1 GI:14104362  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Draper,K.G., Chowrira,B., McSwiggen,J., Stinchcomb,D.T. and Thompson,J.D.  
TITLE Method and reagent for inhibiting human immunodeficiency virus replication  
JOURNAL Patent: US 6159692-A 88 12-DEC-2000;  
FEATURES  
Source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGGCA 4301  
Db 17 CACACACGACGCGGCA 1

RESULT 2003  
LOCUS ARI22524/c 20 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 78 from patent US 6165728.  
ACCESSION ARI22524  
VERSION ARI22524.1 GI:14106841  
KEYWORDS  
SOURCE Unknown.

ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Ward,D.T. and Cowseert,L.M.  
TITLE Antisense modulation of NCK-2 expression  
JOURNAL Patent: US 6165728-A 78 26-DEC-2000;  
FEATURES  
Source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2487 AAGCGACGAGGATGAA 2503  
Db 17 AAGCGTACGAGGAGAA 1

RESULT 2004  
LOCUS ARI23092 20 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 36 from patent US 6168950.  
ACCESSION ARI23092  
VERSION ARI23092.1 GI:14108058  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Mont,A.B.P., Gaarde,W., Ward,D.T. and Cowseert,L.M.  
TITLE Antisense modulation of MEK1 expression  
JOURNAL Patent: US 6168950-A 36 02-JAN-2001;  
FEATURES  
Source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1196 ATCCCTGAGTCTCTGC 1212  
Db 3 ATCCCTGAGTCTATGC 19

RESULT 2005  
LOCUS ARI26657/c 20 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 86 from patent US 6180353.  
ACCESSION ARI26657  
VERSION ARI26657.1 GI:14113250  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Dean,N.M. and Cowseert,L.M.  
TITLE Antisense modulation of daxx expression  
JOURNAL Patent: US 6180353-A 86 30-JAN-2001;  
FEATURES  
Source Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1689 AAGCACTCAGACGAGCC 1705  
Db 1689 AAGCACTCAGACGAGCC 1705

Db 17 AAGCAATCAGAGGCC 1

RESULT 2006

LOCUS AR126733/c 20 bp DNA PAT 16-MAY-2001

DEFINITION Sequence 162 from patent US 6180353.

ACCESSION AR126733

VERSION AR126733.1 GI:14113326

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Dean, N.M. and Cowse, L.M.

TITLE Antisense modulation of daxe expression

JOURNAL Patent: US 6180353-A 162 30-JAN-2001;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1186 GGACCTCCGATCCCTG 1202

Db 20 GGACCTCCGACACTG 4

RESULT 2007

LOCUS AR129007/c 20 bp DNA PAT 16-MAY-2001

DEFINITION Sequence 22 from patent US 6183966.

ACCESSION AR129007

VERSION AR129007.1 GI:14116669

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Gray, D.M. and Clark, C.L.

TITLE Apparatus and method for selectively ranking sequences for

JOURNAL Patent: US 6183966-A 22 06-FEB-2001;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 CAAGAGCAACGGCGG 422

Db 17 CAAGAGCGAGCGCG 1

RESULT 2008

LOCUS AR130135/c 20 bp DNA PAT 16-MAY-2001

DEFINITION Sequence 38 from patent US 6187587.

ACCESSION AR130135

VERSION AR130135.1 GI:14118032

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Popoff, I., Brown-Driver, V.L. and Cowse, L.M.

TITLE Antisense inhibition of e2f transcription factor 1 expression

JOURNAL Patent: US 6187587-A 38 13-FEB-2001;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 906 CTGACTGCCAGCTCCTG 922

Db 19 CTGACAGCCAGCGCCTG 3

RESULT 2009

LOCUS AR130157 20 bp DNA PAT 16-MAY-2001

DEFINITION Sequence 60 from patent US 6187587.

ACCESSION AR130157

VERSION AR130157.1 GI:14118054

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Popoff, I., Brown-Driver, V.L. and Cowse, L.M.

TITLE Antisense inhibition of e2f transcription factor 1 expression

JOURNAL Patent: US 6187587-A 60 13-FEB-2001;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 248 GGTGACGCGCGCGGCC 264

Db 1 GGAGAGCGCGCAGGAGC 17

RESULT 2010

LOCUS AR137287/c 20 bp DNA PAT 16-JUN-2001

DEFINITION Sequence 34 from patent US 6197505.

ACCESSION AR137287

VERSION AR137287.1 GI:14478796

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Nordberg, L., Torbjorn, A., Andersson, M., Kristina, and

TITLE Lindstrom, P., Harry, Rutger.

JOURNAL Methods for assessing cardiovascular status and compositions for

Patent: US 6197505-A 34 06-MAR-2001;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1077 ACTCAGCTGCCAGGA 1093

Db 20 ACTCAGCTGCTCAGAA 4

RESULT 2011  
ARI42095/c  
LOCUS ARI42095 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 16 from patent US 6174670.  
ACCESSION ARI42095.1 GI:15102395  
VERSION ARI42095.1 GI:15102395  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 20)  
Witwer,C.T., Rixie,K.M. and Rasmussen,R.P.  
TITLE Monitoring amplification of DNA during PCR  
JOURNAL Patent: US 6174670-A 16 16-JAN-2001;  
FEATURES  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

QY 32 ACGCCGACAGAGACC 48  
Db 18 ACGGACAGACAGATCC 2

RESULT 2012  
ARI43128/c  
LOCUS ARI43128 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 19 from patent US 6204055.  
ACCESSION ARI43128  
VERSION ARI43128.1 GI:15104414  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 20)  
Dean,N.M. and Marcusson,E.G.  
TITLE Antisense inhibition of Fas mediated signaling  
JOURNAL Patent: US 6204055-A 19 20-MAR-2001;  
FEATURES  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

QY 399 AGGCCACCAAGGCAA 415  
Db 19 AGTCACCAAAAGGCAA 3

RESULT 2013  
ARI50352  
LOCUS ARI50352 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 428 from patent US 6228642.  
ACCESSION ARI50352  
VERSION ARI50352.1 GI:15114943  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 20)  
Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.  
TITLE Antisense oligonucleotide modulation of tumor necrosis  
JOURNAL Patent: US 6228642-A 428 08-MAY-2001;  
FEATURES  
Location/Qualifiers  
1..20

/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

QY 2798 TCAGAGAGAGAAATG 2814  
Db 1 TCAGAGAGAGAGAGG 17

RESULT 2014  
ARI51420/c  
LOCUS ARI51420 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 16 from patent US 6232079.  
ACCESSION ARI51420  
VERSION ARI51420.1 GI:15117470  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 20)  
Witwer,C.T., Rixie,K.M. and Rasmussen,R.P.  
TITLE PCR method for nucleic acid quantification utilizing second or  
JOURNAL Patent: US 6232079-A 16 15-MAY-2001;  
FEATURES  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

QY 32 ACGCCGACAGAGACC 48  
Db 18 ACGGACAGACAGATCC 2

RESULT 2015  
ARI53794/c  
LOCUS ARI53794 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 6 from patent US 6235891.  
ACCESSION ARI53794  
VERSION ARI53794.1 GI:15121326  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 20)  
Honkanen,R.E.  
TITLE Glucocorticoid receptor agonist and decreased pps  
JOURNAL Patent: US 6235891-A 6 22-MAY-2001;  
FEATURES  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

QY 1412 TGAGGTGAAGCAGACT 1428  
Db 19 TGAGGTGAAGCAGACT 3

RESULT 2016  
ARI56286  
LOCUS ARI56286 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 50 from patent US 6242187.

ACCESSION AR156286  
VERSION AR156286.1 GI:15124990  
KEYWORDS  
SOURCE  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Capon,D.J. and Petropoulos,C.J.  
TITLE Compositions and methods for determining anti-viral drug  
susceptibility and resistance and anti-viral drug screening  
JOURNAL Patent: US 6242187-A 50 05-JUN-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 267 CCCCCTCTCTCTTCT 283  
DB 1 CCCATCTCTCTCTCT 17

RESULT 2017  
AR157413/c  
LOCUS AR157413 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 16 from patent US 6245514.  
ACCESSION AR157413  
VERSION AR157413.1 GI:16218351  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Wlclwer,C.T.  
TITLE Fluorescent donor-acceptor pair with low spectral overlap  
JOURNAL Patent: US 6245514-A 16 12-JUN-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 32 ACGGCGCAGAGACC 48  
DB 18 ACGGCGCAGAGATCC 2

RESULT 2018  
AR162447  
LOCUS AR162447 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 127 from patent US 6258600.  
ACCESSION AR162447  
VERSION AR162447.1 GI:16229630  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Zhang,H. and Cowser,L.M.  
TITLE Antisense modulation of caspase 8 expression  
JOURNAL Patent: US 6258600-A 127 10-JUL-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4316 TCCCAGCTGCTTTG 4332  
DB 4 TCCCAGCTGCTTTG 20

RESULT 2019  
AR162727/c  
LOCUS AR162727 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 49 from patent US 6258790.  
ACCESSION AR162727  
VERSION AR162727.1 GI:16230064  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.Frank., Condon,T.P. and Cowser,L.M.  
TITLE Antisense modulation of integrin .alpha.4 expression  
JOURNAL Patent: US 6258790-A 49 10-JUL-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2984 GGCACAGAAACGAGC 3000  
DB 20 GGCACAGAAACGGGCG 4

RESULT 2020  
AR163989/c  
LOCUS AR163989 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 188 from patent US 6271030.  
ACCESSION AR163989  
VERSION AR163989.1 GI:16234882  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Monia,B.P., Butler,M.M. and Wyatt,J.  
TITLE Antisense inhibition of C/EBP beta expression  
JOURNAL Patent: US 6271030-A 188 07-AUG-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3734 CAAGCAGTGCCCGGC 3750  
DB 17 CAAGCAGTGCCCGGAC 1

RESULT 2021  
AR164724  
LOCUS AR164724 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 35 from patent US 6274332.  
ACCESSION AR164724  
VERSION AR164724.1 GI:16237860  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.



REFERENCE 1 (bases 1 to 20)  
AUTHORS Keating,M.T., Sanginetti,M.C. and Splawski,I.  
TITLE Mutations in the KCNE1 gene encoding human minK which cause  
JOURNAL arhythmia susceptibility thereby establishing KCNE1 as an LQT gene  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 TCACCAAGCTGACACAG 755  
Db 4 TCTCCAGCTGACACAG 20

RESULT 2022  
LOCUS AR167615 20 bp DNA PAT 17-DEC-2001  
DEFINITION Sequence 25 from patent US 6287763.  
ACCESSION AR167615  
VERSION AR167615.1 GI:117903405  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Lee,F., Huzar,D. and Gu,W.  
TITLE Screening methods for compounds useful in the regulation of body  
JOURNAL weight  
FEATURES  
source  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2015 CAGCCACATCTGACTG 2031  
Db 17 CATCCATATCTGACTG 1

RESULT 2023  
LOCUS AR173022 20 bp DNA PAT 17-DEC-2001  
DEFINITION Sequence 147 from patent US 6303374.  
ACCESSION AR173022  
VERSION AR173022.1 GI:17912513  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Zhang,H. and Cowseert,L.M.  
TITLE Antisense modulation of caspase 3 expression  
JOURNAL Patent: US 6303374-A 147 16-OCT-2001;  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 611 CGAGTCATCTCCGGG 627

Db 19 CGAGTCCTCTCCCTGG 3  
RESULT 2024  
LOCUS AR178112 20 bp DNA PAT 18-DEC-2001  
DEFINITION Sequence 23 from patent US 6316003.  
ACCESSION AR178112  
VERSION AR178112.1 GI:117921005  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Frankel,A., Pabo,C., Barsoun,J.G., Fawell,S.E. and  
TITLE Repinsky,R.Blake.  
JOURNAL Tat-derived transport polypeptides  
FEATURES  
source  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4554 CCCAAACCCACAGTTT 4570  
Db 4 CCCAGACCCACAGTTT 20

RESULT 2025  
LOCUS BD195114 20 bp DNA PAT 17-JUL-2003  
DEFINITION Screening methods for compounds useful in the regulation of body  
weight  
ACCESSION BD195114  
VERSION BD195114.1 GI:33004874  
KEYWORDS JP 2002514041-A/17.  
SOURCE Synthetic construct  
ORGANISM artificial construct.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Lee,F., Huzar,D. and Gu,W.  
TITLE Screening methods for compounds useful in the regulation of body  
JOURNAL weight  
COMMENT  
OS Artificial Sequence  
PN JP 2002514041-A/17  
PD 14-May-2002  
PR 09-JUN-1997 JP 1998501745  
PR 10-JUN-1996 US 08/662560,08-JAN-1997 US 08/780749 PR  
06-JUN-1997 US 08/870511.  
PT FRANK LEE DENNIS HUSZAR WEI GU  
PC A61K38/16,A61K39/395,A61K48/00,C07H21/04,C12N15/11,C12Q1/68.  
PC G01N33/53.  
PC C12Q1/25,C12Q1/66,C12Q1/68  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY	2015	CAGCGACATCTGACTG	2031
DB	17	CATCATCTCTACTG	1
RESULT 2026			
LOCUS	BD206091/c		
DEFINITION	BD206091	20 bp	DNA linear
ACCESSION	BD206091		
VERSION	BD206091.1		
KEYWORDS	JP 2002512792-A/18.		
SOURCE	Homo sapiens (human)		
ORGANISM	Homo sapiens		
REFERENCE	Mammalia; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
AUTHORS	1 (bases 1 to 20)		
TITLE	Wright, J.A., Young, A.H. and Lee, Y.S.		
JOURNAL	Inulin-like growth factor II antisense oligonucleotide sequence and method of using the same for controlling cell proliferation		
COMMENT	Patent: JP 2002512792-A 18 08-MAY-2002; GENENSENSE TECHNOLOGIES INC		
	OS Homo sapiens (human)		
	PN JP 2002512792-A/18		
	PD 08-MAY-2002		
	PF 23-APR-1999 JP 2000545998		
	PR 23-APR-1998 US 60/082791		
	PI JIM A WRIGHT, AIPING H YOUNG, YOON S LEE		
	PC C12N15/09, A61K31/711, A61K45/06, A61K48/00, A61P35/04, C12N15/00		
	CC Inulin-like growth factor II antisense oligonucleotide CC		
	sequence and method of using the same for controlling cell proliferation.		
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	Gaps 0;		
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DB	20	CCGTGCGAGCCGTGCA	4
RESULT 2027			
LOCUS	BD211110/c		
DEFINITION	BD211110	20 bp	DNA linear
ACCESSION	BD211110		
VERSION	BD211110.1		
KEYWORDS	GI:33020880		
SOURCE	JP 2002512046-A/55.		
ORGANISM	Mus musculus (house mouse)		
	Mus musculus		
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.		
	1 (bases 1 to 20)		
	Quantitative assay of gene expression		
	Patent: JP 2002512046-A 55 23-APR-2002;		
	GENENTECH INC		
	OS Mus musculus (mouse)		
	PN JP 2002512046-A/55		
	PD 23-APR-2002		
	PF 23-APR-1999 JP 2000544838		
	PR 23-APR-1998 US 09/065673		
	DAVID G LOWE		
COMMENT			

[illegible]

BD225078  
LOCUS BD225078 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Antisense modulation of expression of tumor necrosis factor  
receptor-associated factor (TRAF).  
ACCESSION BD225078  
VERSION BD225078.1 GI:33034848  
KEYWORDS JP 2002526095-A/213.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Cowert,L.M., Monia,B.P. and Xu,X.S.  
TITLE Antisense modulation of expression of tumor necrosis factor  
receptor-associated factor (TRAF)  
JOURNAL Patent: JP 2002526095-A 213 20-AUG-2002;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Artificial Sequence  
PN JP 2002526095-A/213  
PD 20-AUG-2002  
PF 05-OCT-1999 JP 2000574546  
PR 06-OCT-1998 US 09/167109  
PI BREDA F BAKER,LEX M CONSERT,BRETT P MONIA,XIAOXING S XU PC  
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P35/04,C12N15/00 CC  
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Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1069 ATTAAAGACTGAGCTC 1085  
Db 3 ATTTCAGACTGAGCTC 19  
RESULT 2030  
LOCUS BD225828/c 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Promoter region of mouse and human telomerase RNA component genes.  
ACCESSION BD225828  
VERSION BD225828.1 GI:33035598  
KEYWORDS JP 2002509699-A/31.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Keith,W.N.  
TITLE Promoter region of mouse and human telomerase RNA component genes  
JOURNAL Patent: JP 2002509699-A 31 02-APR-2002;  
CANCER RESEARCH CAMPAIGN TECHNOLOGY LTD  
COMMENT OS Artificial Sequence  
PN JP 2002509699-A/31  
PD 02-APR-2002  
PF 29-JAN-1999 JP 2000529424  
PR 29-JAN-1998 GB 9801902.9  
PI WILLIAM NICOL KEITH  
PC C12N15/09,A61K31/7105,A61K31/711,A61K35/76,A61K38/00,A61K45/00, PC  
A61K48/00,  
PC A61P35/00,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12P21/02 PC  
.C12O1/68//C12N9/12.  
PC (A61K35/76,A61K31:522),C12N15/00,A61K37/02,C12N5/00 CC  
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Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 901 TCCCGCTGACTGCACG 917  
Db 19 TCTCGCTGACTGCACG 3  
RESULT 2031  
LOCUS BD225831/c 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Promoter region of mouse and human telomerase RNA component genes.  
ACCESSION BD225831  
VERSION BD225831.1 GI:33035601  
KEYWORDS JP 2002509699-A/34.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Keith,W.N.  
TITLE Promoter region of mouse and human telomerase RNA component genes  
JOURNAL Patent: JP 2002509699-A 34 02-APR-2002;  
CANCER RESEARCH CAMPAIGN TECHNOLOGY LTD  
COMMENT OS Artificial Sequence  
PN JP 2002509699-A/34  
PD 02-APR-2002  
PF 29-JAN-1999 JP 2000529424  
PR 29-JAN-1998 GB 9801902.9  
PI WILLIAM NICOL KEITH  
PC C12N15/09,A61K31/7105,A61K31/711,A61K35/76,A61K38/00,A61K45/00, PC  
A61K48/00,  
PC A61P35/00,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12P21/02 PC  
.C12O1/68//C12N9/12,  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 901 TCCCGCTGACTGCACG 917  
Db 19 TCTCGCTGACTGCACG 3  
RESULT 2032  
LOCUS BD226850/c 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Regulation of the expression of human serine/threonine protein  
phosphatase gene with antisense oligonucleotide.  
ACCESSION BD226850  
VERSION BD226850.1 GI:33036620  
KEYWORDS JP 2002512004-A/6.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
FEATURES  
source Location/Qualifiers  
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/organism="synthetic construct"  
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AUTHORS Honkanen, R.E. and Dean, N.M.  
TITLE Regulation of the expression of human serine/threonine protein phosphatase gene with antisense oligonucleotide  
JOURNAL Patent: JP 2002512004-A 6 23-APR-2002;  
SOUTH ALABAMA MEDICAL SCIENCE FOUNDATION, ISIS PHARMACEUTICALS INC  
COMMENT OS Unidentified  
PN JP 2002512004-A/6  
PD 23-APR-2002  
PR 19-NOV-1998 JP 2000522275  
PT 20-NOV-1997 US 08/975211  
PI RICHARD E HONKANEN, NICHOLAS M DEAN  
PC C12N15/09, A61K31/7088, A61K48/00, A61P35/00, A61P43/00, C12N15/00  
CC Strandedness: Single;  
CC Topology: Linear;  
CC Regulation of the expression of human serine/threonine protein phosphatase  
CC gene with antisense oligonucleotide  
FH Key Location/Qualifiers  
FT source 1..20  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1412 TGAGTGAAGCGCAGACT 1428  
DB 19 TGAGTGAAGCGCAGACT 3

RESULT 2033  
LOCUS BD227787 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Antisense modulation of integrin alpha 4 expression.  
ACCESSION BD227787  
VERSION BD227787.1 GI:33037557  
KEYWORDS JP 2002526555-A/49.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett, F.C., Condon, T.P. and Cowse, L.M.  
TITLE Antisense modulation of integrin alpha 4 expression  
JOURNAL Patent: JP 2002526555-A 49 20-AUG-2002;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Artificial Sequence  
PN JP 2002526555-A/49  
PD 20-AUG-2002 JP 2000574727  
PR 19-AUG-1999 JP 2000574727  
PT 05-OCT-1998 US 09/166203  
PI FRANK C BENNETT, THOMAS P CONDON, LEX M COWSE, PC  
C07H21/04, A61K31/7115, A61K31/712, A61K31/7125, A61K48/00, A61P1/00, A61P1/16,  
PC A61P3/00, A61P11/06, A61P25/28, A61P29/00, A61P29/00, A61P35/00, PC  
A61P35/04,  
PC A61P37/06, A61P43/00, C12N15/09, C12Q1/02, C12Q1/68, C12N15/00 CC  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2984 GGCACAGAAAGCAGC 3000  
DB 20 GGCACAGAAAGCAGC 4

RESULT 2034  
LOCUS BD228225 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Antisense oligonucleotide regulation of expression of tumor necrosis factor-alpha (TNF-alpha).  
ACCESSION BD228225  
VERSION BD228225.1 GI:33037995  
KEYWORDS JP 2002526125-A/428.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker, B.F., Bennett, F.C., Butler, M.M. and Jr, W.J.S.  
TITLE Antisense oligonucleotide regulation of expression of tumor necrosis factor-alpha (TNF-alpha)  
JOURNAL Patent: JP 2002526125-A 428 20-AUG-2002;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Artificial Sequence  
PN JP 2002526125-A/428  
PD 20-AUG-2002 JP 2000574737  
PR 05-OCT-1999 JP 2000574737  
PT 05-OCT-1998 US 09/166186, 18-MAY-1999 US 09/313932 PI  
BRENDA F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILIAM J PI  
SHANAHAN JR  
PC C12N15/09, A61K31/7115, A61K31/712, A61K31/7125, A61K48/00, A61P1/00, A61P1/16,  
PC A61P1/18, A61P3/10, A61P17/00, A61P17/04, A61P29/00, A61P31/00, PC  
C07H21/02,  
PC C07H21/04, C12N15/00  
CC Synthetic  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2798 TCAGAGAGAGAAATG 2814  
DB 1 TCAGAGAGAGAGAGG 17

RESULT 2035  
LOCUS BD231270 20 bp DNA linear PAT 17-JUL-2003  
DEFINITION Genes for assessing cardiovascular status and compositions for use thereof.  
ACCESSION BD231270  
VERSION BD231270.1 GI:33041040  
KEYWORDS JP 2002527079-A/34.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Norberg, L.T., Anderson, M.K., Lindstrom, P.H.R. and Jonsson, L.  
TITLE Genes for assessing cardiovascular status and compositions for use thereof  
JOURNAL Patent: JP 2002527079-A 34 27-AUG-2002;  
PATROSEAKENSINGU AB

COMMENT OS Artificial Sequence  
PN JP 2002527079-A/34  
PD 27-AUG-2002  
PR 13-OCT-1999 JP 2000576056  
PR 14-OCT-1998 US 60/104286,14-OCT-1998 US 60/104302 PI  
LEIF FORSJOEN NORBERG, MARIA KRISTINA ANDERSSON, PER HARRY PI  
RUTGER LINDSTROM,  
PI LENA JONSSON  
PC C1201/68, C12N15/09//G01N33/53, G01N33/566, C12N15/00 CC Genes  
for assessing cardiovascular status  
and compositions for  
CC use thereof  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1077 ACTCAGCTCGCCGAGA 1093  
DB 20 ACTCAGCTCGCTCAGAA 4

RESULT 2036  
BD248785 20 bp DNA linear PAT 17-JUL-2003  
LOCUS Uroctensins II of mammals and their uses.  
DEFINITION BD248785  
ACCESSION BD248785.1 GI:33058555  
VERSION JP 2002530110-A/12.  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
1 (bases 1 to 20)  
Beauvillain,J.C., Couliouarn,Y., Jegou,S., Lihmann,I. and Vaudry,H.  
Uroctensins II of mammals and their uses  
Patent: JP 2002530110-A 12 17-SEP-2002;  
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE  
OS Homo sapiens (human)  
PN JP 2002530110-A/12  
PD 17-SEP-2002  
PR 26-NOV-1999 JP 2000584074  
PR 26-NOV-1998 FR 98/14914  
PI JEAN CLAUDE BEAUVILLAIN,YOLAIN COULOUARN,SYLVIE JEGOU, PI  
ISABELLE LIHRMANN,  
PI HUBERT VAUDRY  
PC C12N15/09, A61K38/00, A61K48/00, A61P9/12, A61P25/00, A61P25/28, PC  
C07K7/08,  
PC C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12Q1/68, G01N33/53//G01N33/566,  
C12N15/00, C12N5/00, A61K37/02  
CC Uroctensins II of mammals and their uses  
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FEATURES  
source Location/Qualifiers  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 722 CGTCCATGAGTGTCT 738  
DB 1 CGTCTCATGAGTGTCT 17

RESULT 2037  
BD249303 20 bp DNA linear PAT 17-JUL-2003  
LOCUS Antisense modulation of FAS mediated signaling.  
DEFINITION BD249303  
ACCESSION BD249303.1 GI:33059073  
VERSION JP 2002540812-A/18.  
KEYWORDS JP 2002540812-A/18.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
1 (bases 1 to 20)  
Dean,N.M. and Marcussen,E.G.  
Antisense modulation of FAS mediated signalling  
Patent: JP 2002540812-A 18 03-DEC-2002;  
ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2002540812-A/18  
PD 03-DEC-2002  
PR 10-APR-2000 JP 2006104483  
PR 12-APR-1999 US 09/290640  
PI NICHOLAS M DEAN, ERIC G MARCUSSEN  
PC C12N15/09, A61K31/7088, A61K31/7115, A61K31/712, A61K31/7125, PC  
A61K48/00,  
PC A61P1/16, A61P29/00, A61P35/00, A61P37/00, A61P43/00//C12N5/06, PC  
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PC C12N5/00  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 399 AGGCACCAAGAGCA 415  
DB 19 AGTCACCAAAAGGCA 3

RESULT 2038  
BD262911 20 bp DNA linear PAT 17-JUL-2003  
LOCUS Cancer cells from cell-containing body fluids, the isolation and  
DEFINITION BD262911  
ACCESSION BD262911.1 GI:33072679  
VERSION JP 2002523017-A/9.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
1 (bases 1 to 20)  
Austup,F. and Giesing,M.  
Cancer cells from cell-containing body fluids, the isolation and  
use thereof, and compositions containing said cancer cells  
Patent: JP 2002523017-A 9 30-JUL-2002;  
MICHAEL GIESING  
OS Artificial Sequence  
PN JP 2002523017-A/9  
PD 30-JUL-2002  
PR 27-JUL-1999 JP 2000562484  
PR 27-JUL-1998 DE 198 33 738.8

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PI FRANK AUSTRUP, MICHAEL GIESING
PC C12N15/09, A61K35/12, C12M1/00, C12M1/12, C12N5/06, C12Q1/02 PC
, C12Q1/68, C12N15/00,
PC C12N5/00
CC Cancer cells from cell-containing body fluids, the isolation
CC thereof, and use
CC and compositions containing said cancer cells PH
Key Location/Qualifiers
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Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 32 ACGGCGCAGAGAGACC 48
18 ACGGCGCAGAGATCC 2

RESULT 2039
CQ762294/c 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 912 from Patent WO2004003201.
ACCESSION CQ762294
VERSION CQ762294.1 GI:44905530
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Kane, C.D.
AUTHORS Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 912 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1616 GCGGAAGAAATATGTTT 1632
20 GAGGAAGAAATATGTTT 4

RESULT 2040
CQ762903/c 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 1521 from Patent WO2004003201.
ACCESSION CQ762903
VERSION CQ762903.1 GI:44906139
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Kane, C.D.
AUTHORS Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 1521 08-JAN-2004;
Pharmacia Corporation (US)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1616 GCGGAAGAAATATGTTT 1632
19 GAGGAAGAAATATGTTT 3

RESULT 2041
CQ763423/c 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 2041 from Patent WO2004003201.
ACCESSION CQ763423
VERSION CQ763423.1 GI:44906659
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Kane, C.D.
AUTHORS Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2041 08-JAN-2004;
Pharmacia Corporation (US)
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/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1616 GCGGAAGAAATATGTTT 1632
17 GAGGAAGAAATATGTTT 1

RESULT 2042
CQ763576/c 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 2194 from Patent WO2004003201.
ACCESSION CQ763576
VERSION CQ763576.1 GI:44906812
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Kane, C.D.
AUTHORS Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2194 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1616 GCGGAAGAAATATGTTT 1632

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Db 18 GAGGAGGATAAGTTT 2

RESULT 2043  
CQ763744

LOCUS CQ763744 20 bp DNA linear PAT 03-MAR-2004

DEFINITION Sequence 2362 from Patent WO2004003201.

ACCESSION CQ763744

VERSION CQ763744.1 GI:44906980

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1

AUTHORS Kane, C.D.

TITLE Antisense modulation of lrlh1 expression

JOURNAL Patent: WO 2004003201-A 2362 08-JAN-2004; Pharmacia Corporation (US)

FEATURES

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/db\_xref="taxon:32630"

/note="Human LRHI antisense"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4418 TAATAATATTAAATA 4434

Db 4 TAATAATACTGATAATA 20

RESULT 2044  
CQ764055

LOCUS CQ764055 20 bp DNA linear PAT 03-MAR-2004

DEFINITION Sequence 2673 from Patent WO2004003201.

ACCESSION CQ764055

VERSION CQ764055.1 GI:44907291

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1

AUTHORS Kane, C.D.

TITLE Antisense modulation of lrlh1 expression

JOURNAL Patent: WO 2004003201-A 2673 08-JAN-2004; Pharmacia Corporation (US)

FEATURES

source

1. .20

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Human LRHI antisense"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4418 TAATAATATTAAATA 4434

Db 3 TAATAATACTGATAATA 19

RESULT 2045  
CQ767077

LOCUS CQ767077 20 bp DNA linear PAT 03-MAR-2004

DEFINITION Sequence 16 from Patent WO2004005544.

ACCESSION CQ767077

VERSION CQ767077.1 GI:44909231

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1

AUTHORS Chibout, S.D., Grenet, O., Imbert, G., Kehren, J., Staedtler, F. and Wolfang, C.D.

TITLE Marker genes

JOURNAL Patent: WO 2004005544-A 16 15-JAN-2004; Novartis AG (CH); Novartis Pharma GmbH (AT)

FEATURES

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/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Alpha-2u 5' PCR primer"

primer\_bind 1. .20

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1587 TTGGTGGAAACAGAGAA 1603

Db 3 TCGGTGGGACAGAGAA 19

RESULT 2046  
CQ770344/c

LOCUS CQ770344 20 bp DNA linear PAT 04-MAR-2004

DEFINITION Sequence 15 from Patent WO2004009842.

ACCESSION CQ770344

VERSION CQ770344.1 GI:45125014

KEYWORDS

SOURCE Rattus sp.

ORGANISM Rattus sp.

REFERENCE 1

AUTHORS Larsen, L.K., Vrang, N. and Larsen, P.J.

TITLE Methods for identifying genes related to malfunctions of the central nervous system

JOURNAL Patent: WO 2004009842-A 15 29-JAN-2004; Rheosience A/S (DK)

FEATURES

source

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/organism="Rattus sp."

/mol\_type="unassigned DNA"

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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2284 TGGATTCGCTACCTGG 2300

Db 18 TGGATTCGCTACCTGG 2

RESULT 2047  
CQ784191/c

LOCUS CQ784191 20 bp DNA linear PAT 18-MAR-2004

DEFINITION Sequence 4331 from Patent EP1396543.

ACCESSION CQ784191

VERSION CQ784191.1 GI:45538679

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1

AUTHORS Ota, T., Nishikawa, T., Isogai, T., Hayashi, K., Ishii, S., Kawai, Y., Wakamatsu, A., Sugiyama, T., Nagai, K., Kojima, S., Otsuki, T. and Koga, H.

TITLE Primers for synthesizing full length cDNA clones and their use

JOURNAL Patent: EP 1396543-A 4331 10-MAR-2004;  
Research Association for Biotechnology (JP)  
FEATURES  
source  
1. .20  
/organism="synthetic construct"  
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/note="Description of Artificial Sequence: an artificially  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2300 GGAGCAGGAACATCA 2316  
Db 20 GGAGCAGGAAGCCATCA 4

RESULT 2048  
CQ784273/c  
LOCUS CQ784273 20 bp DNA linear PAT 17-MAR-2004  
DEFINITION Sequence 4413 from Patent EP1396543.  
ACCESSION CQ784273  
VERSION CQ784273.1 GI:45538761  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE  
1  
AUTHORS Ota, T., Nishikawa, T., Isogai, T., Hayashi, K., Ishii, S., Kawai, Y.,  
Wakamatsu, A., Sugiyama, T., Nagai, K., Kojima, S., Otsuki, T. and  
Koga, H.  
TITLE Primers for synthesizing full length cDNA clones and their use  
JOURNAL Patent: EP 1396543-A 4413 10-MAR-2004;  
Research Association for Biotechnology (JP)  
FEATURES  
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1. .20  
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/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: an artificially  
synthesized primer se q uence"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2209 ACAAGAAGCTGAGTCC 2225  
Db 17 ACAAGAAGCTAAGTGCC 1

RESULT 2049  
CQ786628  
LOCUS CQ786628 20 bp DNA linear PAT 24-MAR-2004  
DEFINITION Sequence 17 from Patent WO2004018675.  
ACCESSION CQ786628  
VERSION CQ786628.1 GI:45721648  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE  
1  
AUTHORS Jansen, B.  
TITLE Treatment of melanoma by reduction in clusterin levels  
JOURNAL Patent: WO 2004018675-A 17 04-MAR-2004;  
The University of British Columbia (CA); Gleave, Martin E. (CA)  
FEATURES  
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/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1699 AGCAGCCGAGCCCGAC 1715  
Db 2 AGCAGCCGAGCCCGGC 18

RESULT 2050  
CQ786629  
LOCUS CQ786629 20 bp DNA linear PAT 24-MAR-2004  
DEFINITION Sequence 18 from Patent WO2004018675.  
ACCESSION CQ786629  
VERSION CQ786629.1 GI:45721649  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE  
1  
AUTHORS Jansen, B.  
TITLE Treatment of melanoma by reduction in clusterin levels  
JOURNAL Patent: WO 2004018675-A 18 04-MAR-2004;  
The University of British Columbia (CA); Gleave, Martin E. (CA)  
FEATURES  
source  
1. .20  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1699 AGCAGCCGAGCCCGAC 1715  
Db 3 AGCAGCCGAGCCCGGC 19

RESULT 2051  
CQ786630  
LOCUS CQ786630 20 bp DNA linear PAT 24-MAR-2004  
DEFINITION Sequence 19 from Patent WO2004018675.  
ACCESSION CQ786630  
VERSION CQ786630.1 GI:45721650  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE  
1  
AUTHORS Jansen, B.  
TITLE Treatment of melanoma by reduction in clusterin levels  
JOURNAL Patent: WO 2004018675-A 19 04-MAR-2004;  
The University of British Columbia (CA); Gleave, Martin E. (CA)  
FEATURES  
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1. .20  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1699 AGCAGCCGAGCCCGAC 1715  
Db 1 AGCAGCCGAGCCCGGC 17



RESULT 2052  
LOCUS CQ803561 20 bp DNA linear PAT 10-MAY-2004  
DEFINITION Sequence 8 from Patent WO2004035828.  
ACCESSION CQ803561  
VERSION CQ803561.1 GI:47110404  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Pirastu,M., Gianfrancesco,F., Esposito,T. and Ombra,M.N.  
TITLE Diagnostic and therapeutic means for kidney stone related  
JOURNAL pathologies  
Patent: WO 2004035828-A 8 29-APR-2004;  
Shardna S.P.A. (IT)  
FEATURES  
source Location/Qualifiers  
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/db\_xref="taxon:9606"  
Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2556 GTGCACGTGTGTGTCA 2572  
Db 2 GGCACCGTGTGTGAGTCA 18  
RESULT 2053  
LOCUS CQ830232 20 bp DNA linear PAT 12-JUL-2004  
DEFINITION Sequence 87 from Patent WO2004055049.  
ACCESSION CQ830232  
VERSION CQ830232.1 GI:50250725  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Morgan,R.G., Pettengel,J.R., Forraz,N.P. and McGuckin,C.P.  
TITLE Peptides impairing pbx dependent gene regulation  
JOURNAL Patent: WO 2004055049-A 87 01-JUL-2004;  
ST. GEORGE'S ENTERPRISES LIMITED (GB)  
FEATURES  
source Location/Qualifiers  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3817 AAGGGAAGCCCAAGACC 3833  
Db 17 AAAGGAAGCCCAAGAGC 1  
RESULT 2054  
LOCUS E03971 20 bp DNA linear PAT 29-SEP-1997  
DEFINITION PCR primer for detecting Pseudomonas syringae genomic DNA.  
ACCESSION E03971  
VERSION E03971.1 GI:2172182  
KEYWORDS UP 199229985-A/1.  
SOURCE Pseudomonas syringae  
ORGANISM Pseudomonas syringae  
Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales;  
Pseudomonadaceae; Pseudomonas.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Minami,Y.  
TITLE OLIGONUCLEOTIDE FOR DETECTING PLANT TRANSFORMANT AND DETECTION  
JOURNAL Patent: JP 199229985-A 1 23-OCT-1992;  
SHIMADZU CORP  
COMMENT OS Pseudomonas syringae  
PN JP 199229985-A/1  
PD 23-OCT-1992  
PF 27-MAR-1991 JP 1991062945  
PI MINAMI YOSHIIRO  
PC C12N15/31,C07H21/04,C12N15/10,C12N15/29,C12Q1/68,C12N15/31,  
PC C12R1.38)  
PC (C12N15/31,C12R1.18);  
CC strandedness: Single;  
CC topology: Linear;  
CC hypothetical: No;  
CC anti-sense: No;  
CC \*source: strain=N123.  
FEATURES  
source Location/Qualifiers  
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/organism="Pseudomonas syringae"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:317"  
Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 4074 CAGTGAAGCCCTCAGTG 4090  
Db 20 CAGTGAACCTTCAGTG 4  
RESULT 2055  
LOCUS E05617 20 bp DNA linear PAT 29-SEP-1997  
DEFINITION Primer for amplifying DNA of herpes simplex virus 2.  
ACCESSION E05617  
VERSION E05617.1 GI:2173804  
KEYWORDS JP 1993260999-A/2.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Matsumoto,T., Kurimura,T. and Kita,H.  
TITLE SPECIFIC DETECTION OF HERPES SIMPLEX VIRUS 2  
JOURNAL Patent: JP 1993260999-A 2 12-OCT-1993;  
IATRON LAB INC  
COMMENT OS Artificial gene  
OC Artificial sequence; Genes.  
OS Herpes simplex virus  
PN JP 1993260999-A/2  
PD 12-OCT-1993  
PF 16-MAR-1992 JP 1992090268  
PI MATSUMOTO TOSHIYA, KURIMURA TAKASHI, KITA HIROSHI PC  
C12Q1/68,C12N15/10,C12N15/38,C12Q1/70;  
CC strandedness: Single;  
CC topology: Linear;  
CC hypothetical: No;  
CC anti-sense: No;  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3635 GCCCGAAGGAAGCC 3651  
Db 1 GCCCGAAGGCGGCC 17

RESULT 2056  
E15979/c  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL

E15979  
Oligonucleotide which modulates expression, production or reception of hepatocyte growth factor or expression of c-Met.  
E15979  
JP 1998127286-A/4.  
unidentified  
unclassified.

1 (bases 1 to 20)  
Ishikawa, T., Shigematsu, T. and Yamamoto, A.  
OLIGONUCLEOTIDE FOR SUPPRESSING PRODUCTION OF HGF  
Patent: JP 1998127286-A 4 19-MAY-1998;  
TERUMO CORP

COMMENT  
OS None  
OC Artificial sequences.  
PN JP 1998127286-A/4  
PD 19-MAY-1998  
PF 01-NOV-1998 JP 1996291499  
PI ISHIKAWA TETSUYA, SHIGEMATSU TAKASHI, YAMAMOTO AKIHIRO PC  
C12N15/09, A61K31/70, A61K31/70, C07H21/04;  
CC strandedness: Single;  
CC topology: Linear;  
CC hypothetical: No;  
FH Key  
FT source  
Location/Qualifiers

1. .20  
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/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match  
Best Local Similarity 88.2%; Pred. No. 1.3e+03; Length 20;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3235 AAATCATCAACCCCAAC 3251  
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17 AAAACACCAACCCCAAC 1

RESULT 2057  
E16974  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL

E16974  
PCR primer for human immunoglobulin C alpha gene.  
E16974  
E16974.1 GI:5711657  
JP 1998229897-A/3.  
unidentified  
unclassified  
unclassified.

1 (bases 1 to 20)  
Shiokawa, S. and Yamamoto, K.  
DETECTION OF IMMUNOGLOBULIN GENE EXPRESSION  
Patent: JP 1998229897-A 3 02-SEP-1998;  
IGAKU SEIBUTSUGAKU KENKYUSHO:KK

COMMENT  
OS None  
OC Artificial sequences.  
PN JP 1998229897-A/3  
PD 02-SEP-1998  
PF 19-FEB-1997 JP 1997052338  
PI SHIOKAWA SATOSHI, YAMAMOTO KAZUHIKO  
PC C12Q1/68, C07H21/04, C12N15/09;  
CC strandedness: Single;  
CC topology: Linear;  
FH Key  
FT source  
Location/Qualifiers

20 bp DNA linear PAT 28-JUL-1999

FT source 1. .20  
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Location/Qualifiers  
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/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match  
Best Local Similarity 88.2%; Pred. No. 1.3e+03; Length 20;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 460 TGTGTGGTCTCTGGGCG 476  
|||||  
1 TGAATGGCTCTCTGGGCG 17

RESULT 2058  
E17267  
LOCUS  
DEFINITION  
ACCESSION  
VERSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL

E17267  
Primer.  
E17267  
E17267.1 GI:5711950  
JP 1998257893-A/44.  
unidentified  
unclassified  
unclassified.

1 (bases 1 to 20)  
Nakamura, K. and Hanai, N.  
HUMAN COMPLEMENTARITY DETERMINING REGION (CDR) TRANSPLANTED ANTIBODY  
AGAINST GANGLIOSIDE GM2  
Patent: JP 1998257893-A 44 29-SEP-1998;  
KYOWA HAKKO KOGYO CO LTD

COMMENT  
OS None  
OC Artificial sequences.  
PN JP 1998257893-A/44  
PD 29-SEP-1998  
PF 19-MAR-1997 JP 1997066981  
PI NAKAMURA KAZUYASU, HANAI NOBUO  
PC C12N15/09, A61K39/395, A61K39/395, C07K16/18, C12N5/10, C12P21/08,  
PC G01N33/53, G01N33/574, G01N33/577, (C12N5/10, C12R1.91), PC  
(C12P21/08, C12R1.91);  
CC strandedness: Single;  
CC topology: Linear;  
CC hypothetical: No;  
CC anti-sense: Yes;  
FH Key  
FT source  
Location/Qualifiers

1. .20  
/organism='Artificial sequences'.  
Location/Qualifiers  
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/organism="unidentified"  
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Query Match  
Best Local Similarity 88.2%; Pred. No. 1.3e+03; Length 20;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 CTGCTGGAACCATGGCA 537  
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3 CTGCTGGAACCATGGCA 19

RESULT 2059  
E17268/c  
LOCUS  
DEFINITION  
ACCESSION  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL

E17268  
Primer.  
E17268  
E17268.1 GI:5711951  
JP 1998257893-A/45.

20 bp DNA linear PAT 28-JUL-1999

SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Nakamura, K. and Hanai, N.  
TITLE HUMAN COMPLEMENTARY DETERMINING REGION (CDR) TRANSPLANTED ANTIBODY  
AGAINST GANGLIOSIDE GM2  
JOURNAL Patent: JP 1998257893-A 45 29-SEP-1998;  
KYOMA HAKKO KOGYO CO LTD  
COMMENT OS None  
OC Artificial sequences.  
PN JP 1998257893-A/45  
PD 29-SEP-1998  
PF 19-MAR-1997 JP 1997066981  
PI NAKAMURA KAZUYASU, HANAI NOBUO  
PC C12N15/09, A61K39/395, A61K39/395, C07K16/18, C12N5/10, C12P21/08,  
PC G01N33/53, G01N33/531, G01N33/574, G01N33/577, (C12N5/10, C12R1:91), PC  
(C12P21/08, C12R1:91);  
CC strandedness: Single;  
CC topology: linear;  
CC hypothetical: No;  
CC anti-sense: No;  
FH Key  
FT source  
FT 1. .20 /organism='Artificial sequences'.  
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source 1. .20 /organism='unidentified'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:32644'.  
Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 521 CTGCTGGACCATGGCA 537  
Db 18 CTGCTGGACCATGGCA 2  
RESULT 2060  
E23787/c 20 bp DNA linear PAT 18-JUN-2001  
LOCUS E23787  
DEFINITION Method for quantitating RNA and kit therefor.  
ACCESSION E23787  
VERSION E23787.1 GI:13024535  
KEYWORDS JP 1999089596-A/4.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Sayuri, K., Kanako, U., Atsushi, S., Fumitsugu, H. and Ikunoshin, K.  
TITLE Method for quantitating RNA and kit therefor  
JOURNAL Patent: JP 1999089596-A 4 06-APR-1999;  
TAKARA SHUZO CO LTD  
COMMENT OS Unidentified  
PN JP 1999089596-A/4  
PD 06-APR-1999  
PF 19-SEP-1997 JP 1997271993  
PI SAYURI KISHIDA, KANAKO USUI, ATSUSHI SHIMADA, FUMITSUGU HINO, PI  
IKUNOSHIN KATO  
PC C12Q1/68//C12N15/09, C12N15/00  
CC Strandedness: Single;  
CC Topology: linear;  
FH Key  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1025 CACCAGTGGCTCCAG 1041  
Db 19 CACCAGTGGCTCCAG 3  
RESULT 2061  
E31539/c 20 bp DNA linear PAT 18-JUN-2001  
LOCUS E31539  
DEFINITION Human CC type chemokine ILC.  
ACCESSION E31539  
VERSION E31539.1 GI:13017379  
KEYWORDS JP 1999302298-A/6.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Izumi, I., Motoji, K., Toshio, I. and Osamu, Y.  
TITLE Human CC type chemokine ILC  
JOURNAL Patent: JP 1999302298-A 6 02-NOV-1999;  
SHIONOGI & CO LTD  
COMMENT OS Unidentified  
PN JP 1999302298-A/6  
PD 02-NOV-1999  
PF 20-APR-1998 JP 1998109434  
PI IZUMI ISHIKAWA, MOTOJI KITAHARA, TOSHIO IMAI, OSAMU YOSHIE  
PC C07K14/52, A61K38/00, A61K48/00, A61K48/00, C07K16/24, PC  
C12N5/10, C12N15/02, C12N15/09, C12P21/02, C12P21/08, G01N33/15// (C12N5/10,  
PC C12R1:91),  
PC C12N15/09, C12R1:91), (C12P21/02, C12R1:91), (C12P21/08, C12R1:91), PC  
A61K37/02,  
PC C12N5/00, C12N15/00, C12N15/00, (C12N5/00, C12R1:91), (C12N15/00,  
PC C12R1:91)  
CC Strandedness: Single;  
CC Topology: linear;  
FH Key  
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Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2379 AGGAGGAGCAGAGGT 2395  
Db 19 AGGAGGAGCAGAGGT 3  
RESULT 2062  
E36213 20 bp DNA linear PAT 31-JUN-2002  
LOCUS E36213  
DEFINITION Japanese citrus viroid 1 (JCVD1) gene.  
ACCESSION E36213  
VERSION E36213.1 GI:18626425  
KEYWORDS JP 200016566-A/5.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 20)

AUTHORS Ito, T., Yaeshiro, H. and Ozaki, K.  
TITLE Japanese citrus viroid 1 (JCVD1) gene  
JOURNAL Patent: JP 2000166566-A 5 20-JUN-2000;  
FRUIT TREE RES STATION  
COMMENT OS Artificial Sequence  
PN JP 2000166566-A/5  
PD 20-JUN-2000  
PR 09-DEC-1998 JP 1998349471  
PI TAKAO ITO, HIROYUKI YASHIRO, KATSUMI OZAKI  
PC C12N15/09, C12Q1/68, C12N15/00  
CC  
FH  
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source 1.20 Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GTGTGGTCTCTGGGGT 477  
Db 2 GTGTGGTCTCTGGGGT 18

RESULT 2063  
E36588  
LOCUS Antisense nucleic acid compound for inhibiting the expression of  
DEFINITION P300 or CBP.  
ACCESSION E36588.1 GI:18624729  
VERSION JP 2000139464-A/2.  
KEYWORDS unclassified  
SOURCE unclassified  
ORGANISM unclassified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Uchida, K. and Yokoyama, K.  
TITLE Antisense nucleic acid compound for inhibiting the expression of  
JOURNAL Patent: JP 2000139464-A 2 23-MAY-2000;  
COMMENT OS Unidentified  
PN JP 2000139464-A/2  
PD 23-MAY-2000  
PR 13-NOV-1998 JP 1998341086  
PI KIYOSHI UCHIDA, KAZUHISA YOKOYAMA  
PC C12N15/09//A61K31/00, A61K31/70, A61K48/00, C12N15/00 CC  
Strandness: Single;  
CC Topology: Linear;  
FH Key  
FT source 1.20 Location/Qualifiers  
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FEATURES  
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/db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3579 TCCCTGAGTCTCTCC 3595  
Db 3 TCCCTGAGTCTCTCC 19

RESULT 2064  
E40670  
LOCUS Antihuman Fas humanized antibody-containing antirheumatic.  
DEFINITION E40670.1 GI:18627259  
ACCESSION E40670.1 GI:18627259  
VERSION JP 2000154149-A/41.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Serizawa, N., Harayama, H., Takahashi, W., Nakahara, K. and Yonehara, S.  
TITLE Antihuman Fas humanized antibody-containing antirheumatic  
JOURNAL Patent: JP 2000154149-A 41 06-JUN-2000;  
COMMENT OS Artificial Sequence  
PN JP 2000154149-A/41  
PD 06-JUN-2000  
PR 17-SEP-1999 JP 1999263984  
PI NOBUKI SERIZAWA, HIDEYUKI HARUYAMA, WATARU TAKAHASHI, PI KAORI NAKAHARA,  
PI SHIN YONESHARA  
PC A61K39/395, A61P29/00, C12N15/09//C07K16/28, C12P21/02, C12N15/00  
CC  
FH Key  
FT source 1.20 Location/Qualifiers  
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FEATURES  
source 1.20 Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4126 TGAAGCACTGACCT 4142  
Db 1 TGAAGCACTGACCT 17

RESULT 2065  
E64734  
LOCUS Method for detecting mismatch in double-stranded nucleic acid and  
DEFINITION E64734.1 GI:18623029  
ACCESSION E64734.1 GI:18623029  
VERSION JP 2000300265-A/1.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Goto, M. and Wlthna, R.F.  
TITLE Method for detecting mismatch in double-stranded nucleic acid and  
JOURNAL Method for detecting nucleic acid having mutation, and method for  
separating double-stranded nucleic acid having mismatch  
Patent: JP 2000300265-A 1 31-OCT-2000;  
COMMENT OS Artificial Sequence  
PN JP 2000300265-A/1  
PD 31-OCT-2000  
PR 19-APR-1999 JP 1999110914  
PI MASANORI GOTO, ROBERT F WITTHIA  
PC C12N15/09, C07K14/245, C12Q1/68, C12N15/00  
CC  
FH Key  
FT source 1.20 Location/Qualifiers

FEATURES FT /organism='Artificial Sequence'.  
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/organism='synthetic construct'  
/mol\_type='unassigned DNA'  
/db\_xref='taxon:32630'

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 536 CAACATACCCGCTCCAA 553  
Db 19 CAACACCACNTGCTCCAA 2

RESULT 2066  
E64735  
LOCUS E64735 20 bp DNA linear PAT 09-JAN-2004  
DEFINITION Method for detecting mismatch in double-stranded nucleic acid and  
method for detecting nucleic acid having mutation, and method for  
separating double-stranded nucleic acid having mismatch.  
E64735  
VERSION E64735.1 GI:18623030  
KEYWORDS JP 2000300265-A/2.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Goto, M. and Witthia, R. F.  
TITLE Method for detecting mismatch in double-stranded nucleic acid and  
method for detecting nucleic acid having mutation, and method for  
separating double-stranded nucleic acid having mismatch  
Patent: JP 2000300265-A 2 31-OCT-2000;

JOURNAL AMERISHAM PHARMACIA BIOTECH K K  
COMMENT OS Artificial Sequence  
PN JP 2000300265-A/2  
PD 31-OCT-2000  
PF 19-APR-1999 JP 1999110914  
PR  
PI MASANORI GOTO, ROBERT F WITTHIA  
PC C12N15/09, C07K14/245, C12Q1/68, C12N15/00  
CC  
FH  
FT source 1..20  
Location/Qualifiers  
/organism='Artificial Sequence'.  
source 1..20  
Location/Qualifiers  
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FEATURES  
source 1..20  
Location/Qualifiers  
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/mol\_type='unassigned DNA'  
/db\_xref='taxon:32630'

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 536 CAACATACCCGCTCCAA 553  
Db 2 CAACACCACNTGCTCCAA 19

RESULT 2067  
I19912  
LOCUS I19912 20 bp DNA linear PAT 07-OCT-1996  
DEFINITION Sequence 9 from patent US 5512462.  
I19912  
VERSION I19912.1 GI:1600267  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cheng, S.

TITLE Methods and reagents for the polymerase chain reaction  
amplification of long DNA sequences  
JOURNAL Patent: US 5512462-A 9 30-APR-1996;  
FEATURES Location/Qualifiers  
source 1..20  
/organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1117 CCACAGTCTTCTCTCAC 1133  
Db 2 CCACAGTCTTCTCTCAC 18

RESULT 2068  
I20705/c  
LOCUS I20705/c 20 bp DNA linear PAT 07-OCT-1996  
DEFINITION Sequence 18 from patent US 5516512.  
I20705  
VERSION I20705.1 GI:1601060  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Dorsseers, L. C. J. and van Leen, R. W.  
TITLE N- and C-terminal truncation and deletion mutants of human  
interleukin-3  
Patent: US 5516512-A 18 14-MAY-1996;  
Location/Qualifiers  
source 1..20  
/organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2650 CCCAGTTGCTCTCCAG 2666  
Db 18 CCCAGTTGCTCTCCAG 2

RESULT 2069  
I21035  
LOCUS I21035 20 bp DNA linear PAT 07-OCT-1996  
DEFINITION Sequence 6 from patent US 5518880.  
I21035  
VERSION I21035.1 GI:1601389  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Leonard, W. J., Noguchi, M. and McBride, O. Wesley.  
TITLE Methods for diagnosis of XSCID and kits thereof  
Patent: US 5518880-A 6 21-MAY-1996;  
Location/Qualifiers  
source 1..20  
/organism='unknown'  
/mol\_type='unassigned DNA'

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4797 GTTGAAGAGCAGGAA 4813  
Db 1 GTTGAAGAGCAGGAA 17

RESULT 2070  
121062/c  
LOCUS 121062 20 bp DNA 1linear PAT 07-OCT-1996  
DEFINITION Sequence 33 from patent US 5518880.  
ACCESSION 121062  
VERSION 121062.1 GI:1601416  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 20)  
AUTHORS Leonard,W.J., Noguchi,M. and McBride,O.Wesley.  
TITLE Methods for diagnosis of XSCID and Kils thereof  
JOURNAL Patent: US 5518880-A 33 21-MAY-1996;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4797 GTTGAAGGACAGGAA 4813  
Db 20 GTTGAAGGAGAGGAA 4

RESULT 2071  
133999/c  
LOCUS 133999 20 bp DNA 1linear PAT 06-FEB-1997  
DEFINITION Sequence 1 from patent US 5594122.  
ACCESSION 133999  
VERSION 133999.1 GI:1824790  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 20)  
AUTHORS Friesen,A.D.  
TITLE Antisense oligonucleotides targeted against human immunodeficiency virus  
JOURNAL Patent: US 5594122-A 1 14-JAN-1997;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 CAAGAGCGAAGGCGG 422  
Db 17 CAAGAGCGGAGGCGG 1

RESULT 2072  
150808/c  
LOCUS 150808 20 bp DNA 1linear PAT 07-OCT-1997  
DEFINITION Sequence 2 from patent US 5643729.  
ACCESSION 150808  
VERSION 150808.1 GI:2472511  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 20)  
AUTHORS Taniguchi,T. and Harada,H.  
TITLE Methods for diagnosing cancer, precancerous state, or susceptibility to other forms of diseases by detecting an acceleration of exon skipping in IRF-1 mRNA

JOURNAL Patent: US 5643729-A 2 01-JUL-1997;  
FEATURES Location/Qualifiers  
source 1..20  
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/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1909 ACTCCCTGCAGAGATC 1925  
Db 17 ACTCCCTGCAGATATC 1

RESULT 2073  
158452  
LOCUS 158452 20 bp DNA 1linear PAT 07-OCT-1997  
DEFINITION Sequence 23 from patent US 5652122.  
ACCESSION 158452  
VERSION 158452.1 GI:2477690  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 20)  
AUTHORS Frankel,A., Pabo,C., Barsom,J.G., Fawell,S.E. and Pepinsky,R.Blake.  
TITLE Nucleic acids encoding and methods of making tat-derived transport polypeptides  
JOURNAL Patent: US 5652122-A 23 29-JUL-1997;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4554 CCCAACCACAGTTT 4570  
Db 4 CCCAGACCCACAGTT 20

RESULT 2074  
166570  
LOCUS 166570 20 bp DNA 1linear PAT 29-DEC-1997  
DEFINITION Sequence 23 from patent US 5670617.  
ACCESSION 166570  
VERSION 166570.1 GI:2724547  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE Unclassified.  
1 (bases 1 to 20)  
AUTHORS Frankel,A., Pabo,C., Barsom,J.G., Fawell,S.E. and Pepinsky,R.Blake.  
TITLE Nucleic acid conjugates of tat-derived transport polypeptides  
JOURNAL Patent: US 5670617-A 23 23-SEP-1997;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4554 CCCAACCACAGTTT 4570  
Db 4 CCCAGACCCACAGTT 20

RESULT 2075  
LOCUS 168217 20 bp DNA linear PAT 04-FEB-1998  
DEFINITION Sequence 23 from patent US 5674980.  
ACCESSION 168217  
VERSION 168217.1 GI:2830339  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Frankel, A., Pabo, C., Barsom, J.G., Fawell, S.E. and  
Pepinsky, R. Blake.  
TITLE Fusion protein comprising tat-derived transport moiety  
JOURNAL Patent: US 5674980-A 23 07-OCT-1997;  
FEATURES  
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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4554 CCCAACCACCAAGTTT 4570  
Db 4 CCCAGACCACCAAGTTT 20

RESULT 2076  
LOCUS 172488 20 bp DNA linear PAT 03-APR-1998  
DEFINITION Sequence 72 from patent US 5683987.  
ACCESSION 172488  
VERSION 172488.1 GI:3008627  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Smith, L.J.  
TITLE Therapeutic oligonucleotides targeting the human MDRI and MRP genes  
JOURNAL Patent: US 5683987-A 72 04-NOV-1997;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3713 TGATCGCGCGAGCGGC 3729  
Db 1 TGATCGCGCGAGTGGC 17

RESULT 2077  
LOCUS 172489 20 bp DNA linear PAT 03-APR-1998  
DEFINITION Sequence 73 from patent US 5683987.  
ACCESSION 172489  
VERSION 172489.1 GI:3008628  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Smith, L.J.  
TITLE Therapeutic oligonucleotides targeting the human MDRI and MRP genes  
JOURNAL Patent: US 5683987-A 73 04-NOV-1997;  
FEATURES  
Location/Qualifiers

source 1..20  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3713 TGATCGCGCGAGCGGC 3729  
Db 2 TGATGCGCGGATGGGC 18

RESULT 2078  
LOCUS 178283 20 bp DNA linear PAT 03-APR-1998  
DEFINITION Sequence 81 from patent US 5693535.  
ACCESSION 178283  
VERSION 178283.1 GI:3014437  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Draper, K.G., Chowrira, B., McSwiggen, J., Stinchcomb, D.T. and  
Thompson, J.D.  
TITLE HIV targeted ribozymes  
JOURNAL Patent: US 5693535-A 81 02-DEC-1997;  
FEATURES  
Source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4285 CGCACACACGACGGCA 4301  
Db 17 CACACACACGACGGCA 1

RESULT 2079  
LOCUS 178290 20 bp DNA linear PAT 03-APR-1998  
DEFINITION Sequence 88 from patent US 5693535.  
ACCESSION 178290  
VERSION 178290.1 GI:3014444  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Draper, K.G., Chowrira, B., McSwiggen, J., Stinchcomb, D.T. and  
Thompson, J.D.  
TITLE HIV targeted ribozymes  
JOURNAL Patent: US 5693535-A 88 02-DEC-1997;  
FEATURES  
Source 1..20  
/organism="unknown"  
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Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4285 CGCACACACGACGGCA 4301  
Db 17 CACACACACGACGGCA 1

RESULT 2080  
LOCUS 179718 20 bp DNA linear PAT 03-APR-1998  
DEFINITION Sequence 88 from patent US 5693535.  
ACCESSION 179718  
VERSION 179718.1 GI:3014444  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Draper, K.G., Chowrira, B., McSwiggen, J., Stinchcomb, D.T. and  
Thompson, J.D.  
TITLE HIV targeted ribozymes  
JOURNAL Patent: US 5693535-A 88 02-DEC-1997;  
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Source 1..20  
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/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4285 CGCACACACGACGGCA 4301  
Db 17 CACACACACGACGGCA 1

LOCUS 179718 20 bp DNA linear PAT 10-JUN-1998  
DEFINITION Sequence 13 from patent US 5707863.  
ACCESSION 179718  
VERSION 179718.1 GI:3208008  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Trofatter,J.A., MacCollin,M.M. and Gusella,J.F.  
TITLE Tumor suppressor gene merlin  
JOURNAL Patent: US 5707863-A 13 13-JAN-1998;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 190 GCGAGGAGGAGGCGC 206  
Db 17 GCGAGGAGGAGGAGC 1

RESULT 2081  
LOCUS 179784 20 bp DNA linear PAT 10-JUN-1998  
DEFINITION Sequence 80 from patent US 5707863.  
ACCESSION 179784  
VERSION 179784.1 GI:3208074  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Trofatter,J.A., MacCollin,M.M. and Gusella,J.F.  
TITLE Tumor suppressor gene merlin  
JOURNAL Patent: US 5707863-A 80 13-JAN-1998;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3056 GGAGTCAGCTGCAGC 3072  
Db 3 GGAGTCAGCTGCAGC 19

RESULT 2082  
LOCUS 188894 20 bp DNA linear PAT 10-AUG-1998  
DEFINITION Sequence 12 from patent US 5719125.  
ACCESSION 188894  
VERSION 188894.1 GI:3408834  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Suzuki,F., Hiraki,Y., Takahashi,K., Suzuki,J., Kondo,J., Kohara,A.,  
Mori,A. and Yamada,E.  
TITLE Human chondromodulin-1 protein  
JOURNAL Patent: US 5719125-A 12 17-FEB-1998;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3785 CGAGGCGAGGCGCGC 3801  
Db 18 CGAGGCGAGGCGCGC 2

RESULT 2083  
LOCUS AR208868 20 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 77 from patent US 6383809.  
ACCESSION AR208868  
VERSION AR208868.1 GI:21510135  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.Frank, and Cowseert,L.M.  
TITLE Antisense inhibition of cyclohesin-1 expression  
JOURNAL Patent: US 6383809-A 77 07-MAY-2002;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 469 CCTGGGGGTCCTGCGC 485  
Db 17 CCGAGTGTGCTGCGC 1

RESULT 2084  
LOCUS AR210776 20 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 20 from patent US 6391543.  
ACCESSION AR210776  
VERSION AR210776.1 GI:21513594  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Billing-Medel,P.A., Cohen,M., Colpites,T.L., Friedman,P.N.,  
Gordon,J., Granados,E.N., Hodges,S.C., Kiasa,M.R., Kratochvil,J.D.,  
Roberts-Rapp,L., Russell,J.C. and Stroupe,S.D.  
TITLE Reagents and methods useful for detecting diseases of the prostate  
JOURNAL Patent: US 6391543-A 20 21-MAY-2002;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1880 TGAGAGAGTGGCTCG 1896  
Db 18 TGTGAGGAGTGGCTCG 2

RESULT 2085  
LOCUS AR211300 20 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 213 from patent US 6399297.  
ACCESSION AR211300



VERSION AR211300.1 GI:21514586  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F., Cowseart,L.M., Monia,B.P. and Xu,X.S.  
TITLE Antisense modulation of expression of tumor necrosis factor  
receptor-associated factors (TRAFs)  
JOURNAL Patent: US 6399297-A 213 04-JUN-2002;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1069 ATTATGACTCAGCTC 1085  
Db 3 ATTATGACTCAGCTC 19  
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RESULT 2086  
AR215926/c AR215926 20 bp DNA linear PAT 25-SEP-2002  
LOCUS AR215926  
DEFINITION Sequence 67 from patent US 6410325.  
ACCESSION AR215926  
VERSION AR215926.1 GI:23314182  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett,C.F., Freiler,S.M. and Watt,A.T.  
TITLE Antisense modulation of phospholipase A2, group VI  
(Ca2+-independent) expression  
JOURNAL Patent: US 6410325-A 67 25-JUN-2002;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1982 GGTGCTGGCCAGGCTG 1998  
Db 19 GGTGCTGGCCAGGCTG 3  
|||||  
|||||

RESULT 2087  
AR217900/c AR217900 20 bp DNA linear PAT 25-SEP-2002  
LOCUS AR217900  
DEFINITION Sequence 18 from patent US 6417169.  
ACCESSION AR217900  
VERSION AR217900.1 GI:23318025  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Wright,J.A., Young,A.H. and Lee,Y.S.  
TITLE Insulin-like growth factor II antisense oligonucleotide sequences  
and methods of using same to inhibit cell growth  
JOURNAL Patent: US 6417169-A 18 09-JUL-2002;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 218 CCGCGGAGCCGTGCA 234  
Db 20 CCGTCCAGCCGTGCA 4  
|||||  
|||||

RESULT 2088  
AR218688 AR218688 20 bp DNA linear PAT 25-SEP-2002  
LOCUS AR218688  
DEFINITION Sequence 35 from patent US 6420124.  
ACCESSION AR218688  
VERSION AR218688.1 GI:23319583  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Keating,M.T., Sanguinetti,M.C., Curran,M.E., Landes,G.M.,  
Connors,T.D., Burn,T.C. and Splawski,I.  
TITLE KvLQT1--a long qt syndrome gene  
JOURNAL Patent: US 6420124-A 35 16-JUL-2002;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 739 TCACCAAGCTGACCCAG 755  
Db 4 TCCTCCAGCTGACCCAG 20  
|||||  
|||||

RESULT 2089  
AR219934 AR219934 20 bp DNA linear PAT 26-SEP-2002  
LOCUS AR219934  
DEFINITION Sequence 77 from patent US 6423511.  
ACCESSION AR219934  
VERSION AR219934.1 GI:23324292  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Nakamura,K., Koike,M., Shitara,K., Hanaï,N., Kuwana,Y. and  
Hasegawa,M.  
TITLE Humanized antibodies  
JOURNAL Patent: US 6423511-A 77 23-JUL-2002;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 521 CTGCTGGAACCATGCA 537  
Db 3 CTGCTGGAACCATGCA 19  
|||||  
|||||

RESULT 2090  
AR219935 AR219935 20 bp DNA linear PAT 26-SEP-2002  
LOCUS AR219935  
DEFINITION Sequence 78 from patent US 6423511.  
ACCESSION AR219935  
VERSION AR219935.1 GI:23324293

KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Nakamura,K., Koike,M., Shitara,K., Hanaei,N., Kuwana,Y. and Hasegawa,M.  
TITLE Humanized antibodies  
JOURNAL Patent: US 6423511-A 78 23-JUL-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 CTGCTGGAACCATGCA 537  
DB 18 CTGCTGGAACCATGCA 2

RESULT 2091  
AR223103  
LOCUS AR223103 20 bp DNA linear PAT 26-SEP-2002  
DEFINITION Sequence 35 from patent US 6432644.  
ACCESSION AR223103  
VERSION AR223103.1 GI:23330956  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Keating,M.T., Sanguinetti,M.C. and Splawski,I.  
TITLE Mutations in the KCNE1 gene encoding human hKCNQ1 which cause arrhythmia susceptibility thereby establishing KCNE1 as an LQT gene  
JOURNAL Patent: US 6432644-A 35 13-AUG-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 TCACCAAGCTGACCG 755  
DB 4 TCTCCAGGCTGACCG 20

RESULT 2092  
AR225978  
LOCUS AR225978 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 41 from patent US 6444465.  
ACCESSION AR225978  
VERSION AR225978.1 GI:27264132  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Wyatt,J. and Freier,S.M.  
TITLE Antisense modulation of Her-1 expression  
JOURNAL Patent: US 6444465-A 41 03-SEP-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2632 TTGAGCAGAGTCACT 2648  
DB 2 TTGTGCGACGACTACT 18

RESULT 2093  
AR229023  
LOCUS AR229023 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 33 from patent US 6448081.  
ACCESSION AR229023  
VERSION AR229023.1 GI:27268165  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Baker,B.F. and Freier,S.M.  
TITLE Antisense modulation of Interleukin 12 p40 subunit expression  
JOURNAL Patent: US 6448081-A 33 10-SEP-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2833 AGCTGCTGTGAAGTTT 2849  
DB 1 AGCTGCTGTGTAGTTT 17

RESULT 2094  
AR229865  
LOCUS AR229865 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 35 from patent US 6451534.  
ACCESSION AR229865  
VERSION AR229865.1 GI:27269743  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Keating,M.T., Sanguinetti,M.C., Curran,M.E., Landes,G.M., Combs,T.D., Burn,T.C. and Splawski,I.  
TITLE KvLQT1--a long QT syndrome gene  
JOURNAL Patent: US 6451534-A 35 17-SEP-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 TCACCAAGCTGACCG 755  
DB 4 TCTCCAGGCTGACCG 20

RESULT 2095  
AR230854/c  
LOCUS AR230854 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 114 from patent US 6451602.  
ACCESSION AR230854  
VERSION AR230854.1 GI:27271641  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

Unclassified.  
1 (bases 1 to 20)  
AUTHORS Popoff,I. and Cowser,T.L.M.  
TITLE Antisense modulation of PARP expression  
JOURNAL Patent: US 6451602-A 114 17-SEP-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1091 GGACTCTGAATTGTGA 1107  
17 GGTCCTCGAATCTGTGA 1

Db

RESULT 2096  
AR233468 AR233468 20 bp DNA linear PAT 20-DEC-2002  
LOCUS AR233468  
DEFINITION Sequence 97 from patent US 6458532.  
ACCESSION AR233468  
VERSION AR233468.1 GI:27276059  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Deterra-Madleigh,S.D., Yoshikawa,T., Sanders,A.R. and Esterling,L.E.  
TITLE Polynucleotides encoding IMP 18p myo-inositol monophosphatase and methods of detecting said polynucleotides  
JOURNAL Patent: US 6458532-A 97 01-OCT-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2792 CAAGACTCAGGAAGAG 2808  
3 CAAAGCTCAGGAAGAG 19

Db

RESULT 2097  
AR233566 AR233566 20 bp DNA linear PAT 20-DEC-2002  
LOCUS AR233566  
DEFINITION Sequence 195 from patent US 6458532.  
ACCESSION AR233566  
VERSION AR233566.1 GI:27276157  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Deterra-Madleigh,S.D., Yoshikawa,T., Sanders,A.R. and Esterling,L.E.  
TITLE Polynucleotides encoding IMP 18p myo-inositol monophosphatase and methods of detecting said polynucleotides  
JOURNAL Patent: US 6458532-A 195 01-OCT-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2517 TCCTGCTGTGACCGAGT 2533

Db  
4 TCCTGCTGTGCCCACT 20  
|||||

RESULT 2098  
AR262121 AR262121 20 bp DNA linear PAT 29-JAN-2003  
LOCUS AR262121  
DEFINITION Sequence 35 from patent US 6323026.  
ACCESSION AR262121  
VERSION AR262121.1 GI:28073482  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Keating,M.T., Sanguinetti,M.C. and Splawski,I.  
TITLE Mutations in the KCNE1 gene encoding human minK which cause arrhythmia susceptibility thereby establishing KCNE1 as an LQT gene  
JOURNAL Patent: US 6323026-A 35 27-NOV-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 TCACCAAGCTGACCGAG 755  
4 TCCTCCAGGCTGACCGAG 20  
|||||

Db

RESULT 2099  
AR268280 AR268280 20 bp DNA linear PAT 10-APR-2003  
LOCUS AR268280  
DEFINITION Sequence 72 from patent US 6498035.  
ACCESSION AR268280  
VERSION AR268280.1 GI:29698555  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Wyatt,J.  
TITLE Antisense modulation of MEK3 expression  
JOURNAL Patent: US 6498035-A 72 24-DEC-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4526 CTGAGGCTTAGCCACC 4542  
4 CTGAGGCTGAGCCACC 20  
|||||

Db

RESULT 2100  
AR268487 AR268487 20 bp DNA linear PAT 10-APR-2003  
LOCUS AR268487  
DEFINITION Sequence 18 from patent US 6500417.  
ACCESSION AR268487  
VERSION AR268487.1 GI:29698932  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Dorsseers,L.C.J. and van Leen,R.W.

TITLE Mutants of human interleukin-3  
JOURNAL Patent: US 6500417-A 18 31-DEC-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2650 CCCAGTTTCTCTCCAG 2666  
DB 18 CCCAGCTTGCTCTCAG 2

RESULT 2101  
AR268620/c 20 bp DNA linear PAT 10-APR-2003  
LOCUS AR268620  
DEFINITION Sequence 9 from patent US 6500613.  
ACCESSION AR268620  
VERSION AR268620.1 GI:29699227  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Briles,D.E., McDaniel,L.S., Swiatlo,E., Yother,J., Crain,M.J.,  
Hollingshead,S., Tart,R. and Brooks-Walter,A.  
TITLE Pneumococcal surface proteins and uses thereof  
JOURNAL Patent: US 6500613-A 9 31-DEC-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1664 CCAGCTCTCGACGACA 1680  
DB 20 CCAGCTCTCTGACCAAA 4

RESULT 2102  
AR268639/c 20 bp DNA linear PAT 10-APR-2003  
LOCUS AR268639  
DEFINITION Sequence 28 from patent US 6500613.  
ACCESSION AR268639  
VERSION AR268639.1 GI:29699246  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Briles,D.E., McDaniel,L.S., Swiatlo,E., Yother,J., Crain,M.J.,  
Hollingshead,S., Tart,R. and Brooks-Walter,A.  
TITLE Pneumococcal surface proteins and uses thereof  
JOURNAL Patent: US 6500613-A 28 31-DEC-2002;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1664 CCAGCTCTCGACGACA 1680  
DB 20 CCAGCTCTCTGACCAAA 4

RESULT 2103  
AR272035/c 20 bp DNA linear PAT 10-APR-2003  
LOCUS AR272035  
DEFINITION Sequence 105 from patent US 6503756.  
ACCESSION AR272035  
VERSION AR272035.1 GI:29703603  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Freier,S.M. and Wyatt,J.  
TITLE Antisense modulation of syntaxin 4 interacting protein expression  
JOURNAL Patent: US 6503756-A 105 07-JUN-2003;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4592 GGTGAAGCATTAGAA 4608  
DB 20 GGTGAAGCATGAATTA 4

RESULT 2104  
AR272177/c 20 bp DNA linear PAT 10-APR-2003  
LOCUS AR272177  
DEFINITION Sequence 247 from patent US 6503756.  
ACCESSION AR272177  
VERSION AR272177.1 GI:29703745  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Freier,S.M. and Wyatt,J.  
TITLE Antisense modulation of syntaxin 4 interacting protein expression  
JOURNAL Patent: US 6503756-A 247 07-JUN-2003;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 569 TTCCAGACAGCGCAGG 585  
DB 20 TTCCAGACAGCGCAGG 4

RESULT 2105  
AR292300 20 bp DNA linear PAT 12-JUN-2003  
LOCUS AR292300  
DEFINITION Sequence 4035 from patent US 6537751.  
ACCESSION AR292300  
VERSION AR292300.1 GI:31679584  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL disequilibrium map of the human genome  
Patent: US 6537751-A 4035 25-MAR-2003;  
FEATURES Location/Qualifiers

source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1738 CCTGAGACATGGCTAAC 1754  
Db 3 CCTGAGATATGGGTAGC 19

RESULT 2106  
LOCUS AR293861 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 5596 from patent US 6537751.  
ACCESSION AR293861  
VERSION AR293861.1 GI:31681145  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 5596 25-MAR-2003;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1098 GAATTGTGAAGACAGG 1114  
Db 17 GAATTTGTGAAGACAGG 1

RESULT 2107  
LOCUS AR297553/c 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 9288 from patent US 6537751.  
ACCESSION AR297553  
VERSION AR297553.1 GI:31684837  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 9288 25-MAR-2003;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2408 CGAGAGAGAGAAATCA 2424  
Db 18 CGAGAGAGATGGAATCA 2

RESULT 2108  
AR311174

LOCUS AR311174 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 1711 from patent US 6559294.  
ACCESSION AR311174  
VERSION AR311174.1 GI:31704600  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 1711 06-MAY-2003;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5135 TCCTATGTCCTTTT 5151  
Db 4 TCCTGTCCTGCTTTT 20

RESULT 2109  
LOCUS AR312614 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 3151 from patent US 6559294.  
ACCESSION AR312614  
VERSION AR312614.1 GI:31706040  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 3151 06-MAY-2003;  
FEATURES  
source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3966 CTCAGCACTCCAGGG 3982  
Db 20 CTCAGACTCCAGGG 4

RESULT 2110  
LOCUS AR315473 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 6010 from patent US 6559294.  
ACCESSION AR315473  
VERSION AR315473.1 GI:31708899  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 6010 06-MAY-2003;  
FEATURES  
source 1. .20

/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1645 AAAAGAGAGAGGCTTC 1661  
| |||||  
Db 20 ATTAGAGAGAGGCTTC 4

## RESULT 2111

AR315778

LOCUS AR315778 20 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 6315 from patent US 6559294.  
ACCESSION AR315778  
VERSION AR315778.1 GI:31709204  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

## REFERENCE

1 (bases 1 to 20)  
Griffais, R., Holseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,  
Sankaran, B. and Fletcher, L.D.  
Chlamydia pneumoniae polynucleotides and uses thereof  
Patent: US 6559294-A 6315 06-MAY-2003;  
Location/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2576 TTATGGCAGTACCACG 2592  
| |||||  
Db 1 TTATGGAGTCCACG 17

## RESULT 2112

AR316705/c

LOCUS AR316705 20 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 8 from patent US 6562564.  
ACCESSION AR316705  
VERSION AR316705.1 GI:33695662  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

1 (bases 1 to 20)  
Honkaniemi, R.B.  
Decreasing cell proliferation by decreasing levels of pps  
Patent: US 6562564-A 8 13-MAY-2003;  
Location/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1412 TGAGGTGAGGCGAGCT 1428  
| |||||  
Db 19 TGAGGTGAGGCGAGCT 3

## RESULT 2113

AR321598

LOCUS AR321598 20 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 6 from patent US 6563014.

ACCESSION AR321598  
VERSION AR321598.1 GI:33706827  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)  
Goldstein, H. and Paul, J.B.  
Self-contained system for sustained viral replication  
Patent: US 6563014-A 6 13-MAY-2003;  
Location/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4103 GTCGGAGCCGAGAGA 4119  
| |||||  
Db 3 GTCGGAGCCGAGAGA 19

## RESULT 2114

AR337063

LOCUS AR337063 20 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 36 from patent US 6561133.  
ACCESSION AR337063  
VERSION AR337063.1 GI:33722917  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)  
Cowse, L.M.  
Antisense inhibition of dual specific phosphatase 9 expression  
Patent: US 6561133-A 36 20-MAY-2003;  
Location/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1018 GCATGACACCACTGGC 1034  
| |||||  
Db 4 GCAGGAGACCCCTGGG 20

## RESULT 2115

AR338302/c

LOCUS AR338302 20 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 16 from patent US 6569627.  
ACCESSION AR338302  
VERSION AR338302.1 GI:33725061  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)  
Wiltner, C.T., Ririe, K.M. and Rasmussen, R.P.  
Monitoring hybridization during PCR using SYBR.TM. Green I  
Patent: US 6569627-A 16 27-MAY-2003;  
Location/Qualifiers  
1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 32 ACCGCCGACAGAAC 48  
Db 18 ACCGCCGACAGAAC 2

RESULT 2116  
AR344559  
LOCUS AR344559 20 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 35 from patent US 6582913.  
ACCESSION AR344559  
VERSION AR344559.1 GI:33740628  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Keating,M.T., Sanguinetti,M.C., Curran,M.E., Landes,G.M.,  
Comoros,T.D., Burn,T.C. and Splawski,I.  
TITLE Diagnostic method for KVLQT1--a long QT syndrome gene  
JOURNAL Patent: US 6582913-A 35 24-JUN-2003;  
FEATURES  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 739 TCACCAAGCTGGACCA 755  
Db 4 TCCTCAGCTGACACAG 20

RESULT 2117  
AR353290/c  
LOCUS AR353290 20 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 9 from patent US 6592876.  
ACCESSION AR353290  
VERSION AR353290.1 GI:33759040  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Briles,D.E., McDaniel,L.S., Swiatlo,E., Yocher,J. and  
Brooks-Walter,A.  
TITLE Pneumococcal genes, portions thereof, expression products  
therefrom, and uses of such genes, portions and products  
JOURNAL Patent: US 6592876-A 9 15-JUL-2003;  
FEATURES  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1664 CCAGCTCTCGACAGCA 1680  
Db 20 CCAGCTCTCGACCAAA 4

RESULT 2118  
AR361732/c  
LOCUS AR361732 20 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 6 from patent US 6599742.  
ACCESSION AR361732  
VERSION AR361732.1 GI:33769687  
KEYWORDS

SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Honkanen,R.E. and Dean,N.M.  
TITLE Antisense oligonucleotide inhibition of human serine/threonine  
protein phosphatase gene expression  
JOURNAL Patent: US 6599742-A 6 29-JUL-2003;  
FEATURES  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1412 TGAGTGAAGCGCACT 1428  
Db 19 TGAGTGAAGCGCACT 3

RESULT 2119  
AR362327/c  
LOCUS AR362327 20 bp DNA linear PAT 03-SEP-2003  
DEFINITION Sequence 5 from patent US 5166195.  
ACCESSION AR362327  
VERSION AR362327.1 GI:34422255  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Becker,D.J.  
TITLE Antisense inhibitors of the human immunodeficiency virus  
phosphorothioate oligonucleotides  
JOURNAL Patent: US 5166195-A 5 24-NOV-1992;  
FEATURES  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 406 CAAGAGCAACGGCGCG 422  
Db 17 CAAGAGCGAAGCGCG 1

RESULT 2120  
AR371205/c  
LOCUS AR371205 20 bp DNA linear PAT 12-SEP-2003  
DEFINITION Sequence 10 from patent US 6395472.  
ACCESSION AR371205  
VERSION AR371205.1 GI:34608135  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Leary,T.P., Erker,J., Chalmers,M., Simons,J., Birkenmeyer,L.,  
Muernhoff,S., Pilot-Matias,T., Desai,S. and Mushahwar,I.  
TITLE Methods of utilizing the HT virus  
JOURNAL Patent: US 6395472-A 10 28-MAY-2002;  
FEATURES  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4606 GAGCCACGCGCCCTCC 4622  
|||||  
DB 18 GAAGCCGAGTTCCTCC 2

RESULT 2121  
AR373470/c  
LOCUS AR373470 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 40 from patent US 6602713.  
ACCESSION AR373470  
VERSION AR373470.1 GI:40075599  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Wyatt,J.  
TITLE Antisense modulation of protein phosphatase 2 catalytic subunit  
beta expression  
FEATURES  
Journal Patent: US 6602713-A 40 05-AUG-2003;  
Location/Qualifiers  
1. 20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4259 ACCAGTGTGAGGCTG 4275  
|||||  
DB 20 ACCAGTGTGAGGCTG 4

RESULT 2122  
AR373691/c  
LOCUS AR373691 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 83 from patent US 6602857.  
ACCESSION AR373691  
VERSION AR373691.1 GI:40076102  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cowbert,L.M., Wyatt,J., Monia,B.P., Butler,M.M. and McKay,R.  
TITLE Antisense modulation of PTP1B expression  
Patent: US 6602857-A 83 05-AUG-2003;  
Location/Qualifiers  
1. 20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1266 CCTGTGAGGCCAATCC 1282  
|||||  
DB 20 CCTGTGAGGCCAATCC 4

RESULT 2123  
AR407895  
LOCUS AR407895 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 12 from patent US 6630619.  
ACCESSION AR407895  
VERSION AR407895.1 GI:40157863  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS East,P.D.  
TITLE Toxin genes from the bacteria Xenorhabdus nematophilus and  
Photornabidus luminescens  
JOURNAL Patent: US 6630619-A 12 07-OCT-2003;  
FEATURES  
Location/Qualifiers  
1. 20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2001 CACGAGAACCGATCAG 2017  
|||||  
DB 4 CACGAGAACCGATCAG 20

RESULT 2124  
AR430265/c  
LOCUS AR430265 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 3 from patent US 6649171.  
ACCESSION AR430265  
VERSION AR430265.1 GI:40191033  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Thomard,J.  
TITLE Moraxella catarrhalis polynucleotides and polypeptides  
JOURNAL Patent: US 6649171-A 3 18-NOV-2003;  
FEATURES  
Location/Qualifiers  
1. 20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 296 TCCTTGTTTCTGTAT 312  
|||||  
DB 17 TCCTTGTTTCTGTAT 1

RESULT 2125  
AR432222/c  
LOCUS AR432222 20 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 19 from patent US 6653133.  
ACCESSION AR432222  
VERSION AR432222.1 GI:40194495  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Dean,N.M., Marcussen,E.G. and Wyatt,J.  
TITLE Antisense modulation of Fas mediated signaling  
JOURNAL Patent: US 6653133-A 19 25-NOV-2003;  
FEATURES  
Location/Qualifiers  
1. 20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 399 AGGCCACCAAGAGCAA 415  
|||||



Db 19 AGTCCACCAAGGCAA 3

RESULT 2126

LOCUS AR432321 20 bp DNA linear PAT 18-DEC-2003

DEFINITION Sequence 121 from patent US 6653133.

ACCESSION AR432321

VERSION AR432321.1 GI:40194594

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

Unclassified.

AUTHORS Dean,N.M., Marcusson,E.G. and Wyatt,J.

TITLE Antisense modulation of Fas mediated signaling

JOURNAL Patent: US 6653133-A 121 25-NOV-2003;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred.No.1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4393 GATTGAGGTGGAGAT 4409

Db 1 GATTTAAGGTGGAGAT 17

RESULT 2127

AR437081/c

LOCUS AR437081 20 bp DNA linear PAT 18-DEC-2003

DEFINITION Sequence 133 from patent US 6656732.

ACCESSION AR437081

VERSION AR437081.1 GI:40200165

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

Unclassified.

AUTHORS Bennett,C.F. and Watt,A.T.

TITLE Antisense inhibition of src-C expression

JOURNAL Patent: US 6656732-A 133 02-DEC-2003;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred.No.1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 588 GGGAGCTTCCTCGCGC 604

Db 18 GGGACCTTCCTCGTGA 2

RESULT 2128

AR442601/c

LOCUS AR442601 20 bp DNA linear PAT 20-FEB-2004

DEFINITION Sequence 209 from patent US 6670130.

ACCESSION AR442601

VERSION AR442601.1 GI:42669858

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

Unclassified.

AUTHORS Kim,C.M., Park,H.K. and Jang,H.U.

TITLE Oligonucleotide for detection and identification of Mycobacteria

JOURNAL Patent: US 6670130-A 209 30-DEC-2003;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred.No.1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 404 ACCAAGGCGCACGCGC 420

Db 18 ACAAGAGCGGACGCGC 2

RESULT 2129

AR444829/c

LOCUS AR444829 20 bp DNA linear PAT 20-FEB-2004

DEFINITION Sequence 51 from patent US 6670465.

ACCESSION AR444829

VERSION AR444829.1 GI:42672688

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

Unclassified.

AUTHORS Bech-Hansen,T. and Naylor,M.J.

TITLE Retinal calcium channel ( $\alpha$ 1F) subunit gene

JOURNAL Patent: US 6670465-A 51 30-DEC-2003;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred.No.1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 236 GGTGTATGGAGCGGTG 252

Db 17 GTTGTATGGAGCGGTG 1

RESULT 2130

AR456166

LOCUS AR456166 20 bp DNA linear PAT 20-FEB-2004

DEFINITION Sequence 45 from patent US 6686174.

ACCESSION AR456166

VERSION AR456166.1 GI:42691167

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

Unclassified.

AUTHORS Fang,L., Jiang,W., Mittle,M. and Inouye,M.

TITLE Method and constructs for inhibiting protein expression in bacteria

JOURNAL Patent: US 6686174-A 45 03-FEB-2004;

FEATURES

source 1. .20

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred.No.1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5250 AATTAATGAGCTTTC 5266

Db 2 AATTAAGTGTCTTC 18

RESULT 2131

AR475572

LOCUS AR475572 20 bp DNA linear PAT 20-FEB-2004

DEFINITION Sequence 27 from patent US 6692959.  
ACCESSION AR475572  
VERSION AR475572.1 GI:42715055  
KEYWORDS  
SOURCE  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 20)  
AUTHORS Bennett,C.F. and Freier,S.M.  
TITLE Antisense modulation of IL-1 receptor-associated kinase-4  
expression  
JOURNAL Patent: US 6692959-A 27 17-FEB-2004;  
FEATURES  
source  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2614 GCCCTGCTTGGCACA 2630  
DB 4 GTCTGTCTTGTGACA 20

RESULT 2132  
LOCUS AR475600 20 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 55 from patent US 6692959.  
ACCESSION AR475600  
VERSION AR475600.1 GI:42715083  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 20)  
AUTHORS Bennett,C.F. and Freier,S.M.  
TITLE Antisense modulation of IL-1 receptor-associated kinase-4  
expression  
JOURNAL Patent: US 6692959-A 55 17-FEB-2004;  
FEATURES  
source  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4913 CATCACGACGACGTT 4929  
DB 18 CATCACCAACACAGTT 2

RESULT 2133  
LOCUS AR490932 20 bp DNA linear PAT 15-MAY-2004  
DEFINITION Sequence 26 from patent US 6713300.  
ACCESSION AR490932  
VERSION AR490932.1 GI:47258465  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 20)  
AUTHORS Allmies,R., Anderson,K.L., Dean,M., Leppert,M., Lewis,R.A.,  
Li,Y., Lupski,J.R., Nathans,J., Rattner,A., Shroyer,N.F., Singh,N.,  
Smallwood,P., and Sun,H.  
TITLE Nucleic acid and amino acid sequences for ATP-binding cassette  
transporter and methods of screening for agents that modify  
ATP-binding cassette transporter  
JOURNAL Patent: US 6713300-A 26 30-MAR-2004;

FEATURES  
source  
Location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 917 CTCCTGTGAGGCCAAG 933  
DB 20 CTCCTGTGAGGCCAATG 4

RESULT 2134  
LOCUS AR493296 20 bp DNA linear PAT 15-MAY-2004  
DEFINITION Sequence 328 from patent US 6720137.  
ACCESSION AR493296  
VERSION AR493296.1 GI:47264919  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE  
1 (bases 1 to 20)  
AUTHORS Roder,M., Plaschke,U. and Ganai,M.  
TITLE Microsatellite markers for plants of the species Triticum aestivum  
and Triticum dicoccoides and the use of said markers  
JOURNAL Patent: US 6720137-A 328 13-APR-2004;  
FEATURES  
source  
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/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5090 AGCTCGCTTCCTTGTGT 5106  
DB 1 AGCTCAGCTTGCTTGTGT 17

RESULT 2135  
LOCUS AX008785 20 bp DNA linear PAT 06-SEP-2000  
DEFINITION Sequence 3 from Patent WO9964602.  
ACCESSION AX008785  
VERSION AX008785.1 GI:9996249  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE  
1  
AUTHORS Thonnard,J.  
TITLE Moraxella catarrhalis polynucleotides and polypeptides  
Patent: WO 9964602-A 3 16-DEC-1999;  
JOURNAL SMITHKLINE BEECHAM BIOLOG (BE); THONNARD JOELLE (BE)  
FEATURES  
source  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 236 TGCTTGTTTCTGTAT 312  
DB 17 TGCTTGTTTGTGTCAT 1

RESULT 2136  
AX019577/c  
LOCUS AX019577 20 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 31 from Patent WO938964.  
ACCESSION AX019577  
VERSION AX019577.1 GI:10043491  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Keith, W.N.  
TITLE Promoter regions of the mouse and human telomerase rna component  
JOURNAL Patent: WO 938964-A 31 05-AUG-1999;  
KEITH WILLIAM NICOL (GB); CANCER RES CAMPAIGN TECH (GB)  
FEATURES  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 901 TCCCGCTGACTGCCAGC 917  
DB 19 TCTCGCTGACTGCCAGC 3

RESULT 2137  
AX019580/c  
LOCUS AX019580 20 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 34 from Patent WO938964.  
ACCESSION AX019580  
VERSION AX019580.1 GI:10043494  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Keith, W.N.  
TITLE Promoter regions of the mouse and human telomerase rna component  
JOURNAL Patent: WO 938964-A 34 05-AUG-1999;  
KEITH WILLIAM NICOL (GB); CANCER RES CAMPAIGN TECH (GB)  
FEATURES  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 901 TCCCGCTGACTGCCAGC 917  
DB 19 TCTCGCTGACTGCCAGC 3

RESULT 2138  
AX033897/c  
LOCUS AX033897 20 bp DNA linear PAT 21-SEP-2000  
DEFINITION Sequence 16 from Patent EP1033411.  
ACCESSION AX033897  
VERSION AX033897.1 GI:10280465  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
unidentified

ORGANISM unidentified  
unclassified.  
REFERENCE  
1  
AUTHORS Wiltner, C.T.  
TITLE Fluorescent donor-acceptor pair  
JOURNAL Patent: EP 1033411-A 16 06-SEP-2000;  
UNIV UTAH RES FOUND (US)  
FEATURES  
source 1..20  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 32 ACCGCCGACAGAGACC 48  
DB 18 ACCGCCGACAGAGATCC 2

RESULT 2139  
AX037409/c  
LOCUS AX037409 20 bp DNA linear PAT 16-NOV-2000  
DEFINITION Sequence 34 from Patent WO0056922.  
ACCESSION AX037409  
VERSION AX037409.1 GI:11226834  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Norberg, L.T., Olaisson, E., Jonsson, L., Lindstrom, P.H. and  
Sanders, R.  
TITLE Genetic polymorphism and polymorphic pattern for assessing disease  
status, and compositions for use thereof  
JOURNAL Patent: WO 0056922-A 34 28-SEP-2000;  
NORBERG LEIF TORBERN (SE); OLAISSON ERIK (SE); JONSSON LENA (SE)  
; GEMINI GENOMICS AB (SE); LINDSTROM PER HARRY RUTGER (SE);  
SANDERS RHIANNON (SE)  
FEATURES  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide primer"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1077 ACTCAGCTGCCAGGA 1093  
DB 20 ACTCAGCTGCCAGGA 4

RESULT 2140  
AX136439  
LOCUS AX136439 20 bp DNA linear PAT 30-MAY-2001  
DEFINITION Sequence 361 from Patent EP1067182.  
ACCESSION AX136439  
VERSION AX136439.1 GI:14272843  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS Ota, T., Isogai, T., Nishikawa, T., Kawai, Y., Sugiyama, T. and  
Hayashi, K.  
TITLE Secretory protein or membrane protein  
JOURNAL Patent: EP 1067182-A 361 10-JAN-2001;  
Helix Research Institute (JP)

FEATURES  
source

Location/Qualifiers  
1.20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="an artificially synthesized primer sequence"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 172 TGTACGCTGGACCACT 188  
|||||  
3 TGTACACTGTGACCACT 19

RESULT 2141

AX137643 AX137643 20 bp DNA linear PAT 30-MAY-2001  
LOCUS Sequence 12 from Patent EP1078986.  
ACCESSION AX137643  
VERSION AX137643.1 GI:14273826

KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Hattori, Y. and Akamizu, T.  
TITLE Secretory thyroid stimulating hormone receptor (tsnr), and method for assaying anti-tshr antibody using the same  
JOURNAL Patent: EP 1078986-A 12 28-FEB-2001;  
Tosoh Corporation (JP)

FEATURES  
source  
1.20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="antisense primer ahtshr-4"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2869 TGAAGCCATTATCTCT 2885  
|||||  
3 TGTAGCCATTATGTCT 19

RESULT 2142

AX148951 AX148951 20 bp DNA linear PAT 08-JUN-2001  
LOCUS Sequence 153 from Patent WO0136625.  
ACCESSION AX148951  
VERSION AX148951.1 GI:14347475

KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Wright, J.A., Young, A.H. and Dugourd, D.  
TITLE Antisense oligonucleotide sequences derived from groel and groes as inhibitors of microorganisms  
JOURNAL Patent: WO 0136625-A 153 25-MAY-2001;  
Genesense Technologies Inc. (CA)

FEATURES  
source  
1.20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3410 GCCGCCATATCACCAC 3426  
|||||  
3 GCCGCCATGCACCCA 19

RESULT 2143  
AX148952 AX148952 20 bp DNA linear PAT 08-JUN-2001  
LOCUS Sequence 154 from Patent WO0136625.  
ACCESSION AX148952  
VERSION AX148952.1 GI:14347476

KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Wright, J.A., Young, A.H. and Dugourd, D.  
TITLE Antisense oligonucleotide sequences derived from groel and groes as inhibitors of microorganisms  
JOURNAL Patent: WO 0136625-A 154 25-MAY-2001;  
Genesense Technologies Inc. (CA)

FEATURES  
source  
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/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3410 GCCGCCATATCACCAC 3426  
|||||  
4 GCCGCCATGCACCCA 20

RESULT 2144  
AX156450/c AX156450 20 bp DNA linear PAT 22-JUN-2001  
LOCUS Sequence 17 from Patent WO0138357.  
ACCESSION AX156450  
VERSION AX156450.1 GI:14537528

KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Khodadoust, M.M.  
TITLE Jaffa, a novel fibroblast growth factor family member and uses therefor  
JOURNAL Patent: WO 0138357-A 17 31-MAY-2001;  
Millennium Pharmaceuticals, Inc. (US)

FEATURES  
source  
1.20  
/organism="synthetic construct"  
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/db\_xref="taxon:32630"  
/note="Synthetically generated primer"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 233 CAGGCTGTATGGACCG 249  
|||||  
17 CAGGAGATGGACCG 1

RESULT 2145  
AX167947/c

LOCUS AX167947 20 bp DNA linear PAT 03-JUN-2001  
 DEFINITION Sequence 131 from Patent WO0142307.  
 AX167947  
 VERSION AX167947.1 GI:14597267  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM  
 REFERENCE  
 1 Saito, K., Ohe, N. and Satoh, H.  
 TITLE Mutant *etg(a)* and test systems for transactivation  
 JOURNAL Patent: WO 0142307-A 131 14-JUN-2001;  
 Sumitomo Chemical Company, Limited (JP)  
 FEATURES  
 source 1..20  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Designed oligonucleotide probe for Southern hybridization"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1780 CCTGGTTCTCTCCAG 1796  
 |||||  
 18 CCTGGTTCTCTCCAG 2

RESULT 2146  
 AX180386 20 bp DNA linear PAT 06-AUG-2001  
 LOCUS AX180386  
 DEFINITION Sequence 23 from Patent WO0146260.  
 AX180386  
 VERSION AX180386.1 GI:15132323  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM  
 REFERENCE  
 1 Starling, G.C. and Finger, J.  
 TITLE Novel immunoglobulin superfamily members apex-1, apex-2 and apex-3  
 JOURNAL Patent: WO 0146260-A 23 28-JUN-2001;  
 Bristol-Myers Squibb Co. (US)  
 FEATURES  
 source 1..20  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="UNF20 PRIMER"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 109 CTGACGCTCCAGGCC 125  
 |||||  
 4 CTGACGCTCCAGGCC 20

RESULT 2147  
 AX293160 20 bp DNA linear PAT 21-NOV-2001  
 LOCUS AX293160  
 DEFINITION Sequence 4922 from Patent WO0179548.  
 AX293160  
 VERSION AX293160.1 GI:17054843  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM  
 REFERENCE  
 1

AUTHORS Barany, F., Zivri, M., Gerry, N.P., Favis, R. and Kliman, R.  
 TITLE Method of designing addressable array for detection of nucleic acid  
 JOURNAL sequence differences using ligase detection reaction  
 PATENT: WO 0179548-A 4922 25-OCT-2001;  
 CORNELL RESEARCH FOUNDATION, INC. (US)  
 FEATURES  
 source 1..20  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1721 CACCATCTTCATCGCA 1737  
 |||||  
 3 CCCCATCTTCATCGCA 19

RESULT 2148  
 AX293415/c 20 bp DNA linear PAT 21-NOV-2001  
 LOCUS AX293415  
 DEFINITION Sequence 5177 from Patent WO0179548.  
 AX293415  
 VERSION AX293415.1 GI:17055098  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM  
 REFERENCE  
 1 Barany, F., Zivri, M., Gerry, N.P., Favis, R. and Kliman, R.  
 TITLE Method of designing addressable array for detection of nucleic acid  
 JOURNAL sequence differences using ligase detection reaction  
 PATENT: WO 0179548-A 5177 25-OCT-2001;  
 CORNELL RESEARCH FOUNDATION, INC. (US)  
 FEATURES  
 source 1..20  
 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 237 GTGTATGGAGCGGTGA 253  
 |||||  
 18 GTGTATGGAGCGGTGA 2

RESULT 2149  
 AX294875 20 bp DNA linear PAT 21-NOV-2001  
 LOCUS AX294875  
 DEFINITION Sequence 6637 from Patent WO0179548.  
 AX294875  
 VERSION AX294875.1 GI:17056558  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM  
 REFERENCE  
 1 Barany, F., Zivri, M., Gerry, N.P., Favis, R. and Kliman, R.  
 TITLE Method of designing addressable array for detection of nucleic acid  
 JOURNAL sequence differences using ligase detection reaction  
 PATENT: WO 0179548-A 6637 25-OCT-2001;  
 CORNELL RESEARCH FOUNDATION, INC. (US)  
 FEATURES  
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 /organism="synthetic construct"  
 /mol\_type="unassigned DNA"

/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2459 TCGGACAAATAGCGCT 2475  
|||||  
2 TCGGACAAAGACGCT 18

## RESULT 2150

AX296029 20 bp DNA linear PAT 21-NOV-2001  
LOCUS Sequence 7791 from Patent WO0179548.  
DEFINITION AX296029  
ACCESSION AX296029  
VERSION AX296029.1 GI:17057718  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
FEATURES  
1  
REFERENCE Barany,F., Zivvi,M., Gerry,N.P., Favis,R. and Kliman,R.  
AUTHORS Method of designing addressable array for detection of nucleic acid  
TITLE Sequence differences using ligase detection reaction  
JOURNAL Patent: WO 0179548-A 7791 25-OCT-2001;  
CORNELL RESEARCH FOUNDATION, INC. (US)  
FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4996 CCCTGCTCTCCAGCTG 5012  
|||||  
3 CGGTGCTCCCGACCTG 19

## RESULT 2151

AX296679/c 20 bp DNA linear PAT 21-NOV-2001  
LOCUS AX296679  
DEFINITION Sequence 8441 from Patent WO0179548.  
ACCESSION AX296679  
VERSION AX296679.1 GI:17058368  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
FEATURES  
1  
REFERENCE Barany,F., Zivvi,M., Gerry,N.P., Favis,R. and Kliman,R.  
AUTHORS Method of designing addressable array for detection of nucleic acid  
TITLE Sequence differences using ligase detection reaction  
JOURNAL Patent: WO 0179548-A 8441 25-OCT-2001;  
CORNELL RESEARCH FOUNDATION, INC. (US)  
FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3200 CAGGGCCCTCCGTGCA 3216  
|||||  
|||||

DB 18 CAGGATCTCCGTGCA 2

RESULT 2152  
AX300955 20 bp DNA linear PAT 30-NOV-2001  
LOCUS AX300955  
DEFINITION Sequence 26 from Patent WO0184903.  
ACCESSION AX300955  
VERSION AX300955.1 GI:17382220  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
FEATURES  
1  
REFERENCE Donne-Gouise,C., Lauder,V. and Hanni,C.  
AUTHORS Method for detecting and identifying the presence of biological  
TITLE Substances derived from birds, and oligonucleotides therefor  
JOURNAL Patent: WO 0184903-A 26 15-NOV-2001;  
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)  
FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="amorce PCR"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4418 TAATATATTAATATA 4434  
|||||  
2 TAACATATTAATATA 18

RESULT 2153  
AX306819/c 20 bp DNA linear PAT 14-DEC-2001  
LOCUS AX306819  
DEFINITION Sequence 10 from Patent WO0189556.  
ACCESSION AX306819  
VERSION AX306819.1 GI:17894644  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
FEATURES  
1  
REFERENCE Roberts,A.B., Ashcroft,G.S., Russo,A., Mitchell,J.B. and Deng,C.  
AUTHORS Inhibition of smad3 to prevent fibrosis and improve wound healing  
TITLE Patent: WO 0189556-A 10 29-NOV-2001;  
JOURNAL THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)  
FEATURES  
source  
1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1436 GATTCCTCAGAAATGC 1452  
|||||  
17 GCTTCTGAGAAATGC 1

RESULT 2154  
AX326946/c 20 bp DNA linear PAT 07-JAN-2002  
LOCUS AX326946  
DEFINITION Sequence 142 from Patent WO0178894.  
ACCESSION AX326946  
VERSION AX326946.1 GI:18097657  
KEYWORDS

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SOURCE      synthetic construct
ORGANISM    synthetic construct
FEATURES
  1
  AUTHOR    Keith, T.
  TITLE     Novel human gene relating to respiratory diseases, obesity, and
            inflammatory bowel disease
  JOURNAL   Patent: WO 0178894-A 142 25-OCT-2001;
            Genome Therapeutics Corp. (US)
FEATURES
  source
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    /organism="synthetic construct"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32630"
    /note="Primer"

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1857 GGCACCCGAGAGAGACC 1873
Db      18 GGCAGCTAAGAGAGACC 2

RESULT 2155
LOCUS     AX364596
DEFINITION Sequence. 14 from Patent WO0208368.
ACCESSION AX364596
VERSION   AX364596.1 GI:18696555
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
REFERENCE 1
  AUTHOR  Krutjef, W.
  TITLE   Stem cell-like cells
  JOURNAL Patent: WO 0208368-A 14 31-JAN-2002;
            Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
FEATURES
  source
    1..20
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"
    /note="name='Lif-R'"
    /note="PCR primer forward"

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3247 CCAACTACATGGAGTG 3263
Db      4 CCAACAACATCGAGTG 20

RESULT 2156
LOCUS     AX374664/c
DEFINITION Sequence 16 from Patent EP1179600.
ACCESSION AX374664
VERSION   AX374664.1 GI:19169561
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
REFERENCE 1
  AUTHOR  Wiltner, C.T., Ririe, K.M. and Rasmussen, R.P.
  TITLE   Monitoring hybridization during pcr

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JOURNAL   Patent: EP 1179600-A 16 13-FEB-2002;
            UNIVERSITY OF UTAH RESEARCH FOUNDATION (US)
FEATURES
  source
    1..20
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      32 ACCGCCGAGAGAGACC 48
Db      18 ACCGACGAGAGAGATCC 2

RESULT 2157
LOCUS     AX384040/c
DEFINITION Sequence 2 from Patent WO0214544.
ACCESSION AX384040
VERSION   AX384040.1 GI:19577591
KEYWORDS
SOURCE    Bos taurus (cow)
ORGANISM  Bos taurus
REFERENCE 1
  AUTHOR  Joeerg, H.
  TITLE   Method for determining genetic traits of improved breed animal
  JOURNAL embryos prior to implantation
            Patent: WO 0214544-A 2 21-FEB-2002;
            Eidgenossisch Technische Hochschule Zurich (CH)
FEATURES
  source
    1..20
    /organism="Bos taurus"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9913"

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3824 GCCCAAGACCCGCTCA 3840
Db      20 GCCCAAGACACCTGTCA 4

RESULT 2158
LOCUS     AX391901
DEFINITION Sequence 28 from Patent WO0216620.
ACCESSION AX391901
VERSION   AX391901.1 GI:19700479
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
REFERENCE 1
  AUTHOR  Andrews, P., Walsh, J. and Gokhale, P.
  TITLE   Modulation of stem cell differentiation
  JOURNAL Patent: WO 0216620-A 28 28-FEB-2002;
            THE UNIVERSITY OF SHEFFIELD (GB)
FEATURES
  source
    1..20
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

Query Match      0.3%; Score 13.8; DB 1; Length 20;

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Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2057 CACACTGGGAGACAGG 2073  
|||||  
4 CACACTGGGTACACGG 20

RESULT 2159  
AX406776/c 20 bp DNA linear PAT 14-JUN-2002

LOCUS AX406776  
DEFINITION Sequence 32 from Patent WO0229044.  
ACCESSION AX406776  
VERSION AX406776.1 GI:21439701

KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Hecker, M. and Wagner, A.H.  
TITLE Modulation of the transcription of pro-inflammatory gene products  
JOURNAL Patent: WO 0229044-A 32 11-APR-2002;  
FEATURES Location/Qualifiers  
source 1..20

1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1909 ACTCCTCGCAGAAATC 1925  
|||||  
17 ACTCCTCGCAGATATC 1

RESULT 2160

AX418688/c 20 bp DNA linear PAT 18-JUN-2002  
LOCUS AX418688  
DEFINITION Sequence 83 from Patent WO0210378.  
ACCESSION AX418688  
VERSION AX418688.1 GI:21523551

KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Cowart, L.M., Wyatt, J., Freiler, S.M., Montie, B.P., Butler, M.M. and  
McKay, R.

TITLE Antisense modulation of ptpb expression  
JOURNAL Patent: WO 0210378-A 83 07-FEB-2002;  
FEATURES Location/Qualifiers  
source 1..20

1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Antisense Oligonucleotide"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1266 CTTGTGAGGCCAATCC 1282  
|||||  
20 CTTGTGAGGCCACGCC 4

RESULT 2161  
AX449541 20 bp DNA linear PAT 03-JUL-2002  
LOCUS AX449541

DEFINITION Sequence 260 from Patent WO0185946.

AX449541  
ACCESSION AX449541  
VERSION AX449541.1 GI:21698190

KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Inze, D., Boudolf, V., de Veylder, L., Acosta, J.A. and Magyar, Z.  
TITLE Nucleic acid molecules encoding plant cell cycle proteins and uses  
JOURNAL Patent: WO 0185946-A 260 15-NOV-2001;  
FEATURES Location/Qualifiers  
source 1..20

1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCT 287  
|||||  
4 TCTCTACCTTCTCACT 20

RESULT 2162

AX455653 20 bp DNA linear PAT 06-JUL-2002  
LOCUS AX455653  
DEFINITION Sequence 130 from Patent WO0222809.  
ACCESSION AX455653  
VERSION AX455653.1 GI:21714718

KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Bauer, S., Lipford, G. and Wagner, H.  
TITLE Process for high throughput screening of cpg-based  
JOURNAL immuno-agonist/antagonist  
Patent: WO 0222809-A 130 21-MAR-2002;  
FEATURES Location/Qualifiers  
source 1..20

1. .20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic oligonucleotide"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 726 TCCATGAGGTTCTCAC 742  
|||||  
1 TCCATGAGCTTCTGAC 17

RESULT 2163  
AX455654 20 bp DNA linear PAT 06-JUL-2002  
LOCUS AX455654  
DEFINITION Sequence 131 from Patent WO0222809.  
ACCESSION AX455654  
VERSION AX455654.1 GI:21714719

KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Bauer, S., Lipford, G. and Wagner, H.



TITLE Process for high throughput screening of cpq-based  
JOURNAL immuno-agonist/antagonist  
Patent: WO 022809-A 131 21-MAR-2002;  
Coley Pharmaceutical GmbH (DE)  
FEATURES Location/Qualifiers  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic oligonucleotide"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 726 TCCATGAGCTTCTTAC 742  
|||||  
1 TCCATGAGCTTCTTAC 17

RESULT 2164  
LOCUS AX469756 20 bp DNA linear PAT 16-JUL-2002  
DEFINITION Sequence 4 from Patent WO0240498.  
ACCESSION AX469756  
VERSION AX469756.1 GI:21901876  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Oberley, L.W., Weydert, C.J. and Smith, B.B.  
TITLE Reduction of antioxidant enzyme levels in tumor cells using  
JOURNAL antisenase oligonucleotides  
Patent: WO 0240498-A 4 23-MAY-2002;  
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)  
FEATURES Location/Qualifiers  
source 1..20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4758 GGCTGAGCAGCGATC 4774  
|||||  
18 GGCTGAGCAGCGGATC 2

RESULT 2165  
LOCUS AX527796 20 bp DNA linear PAT 21-NOV-2002  
DEFINITION Sequence 50 from Patent WO0230974.  
ACCESSION AX527796  
VERSION AX527796.1 GI:25172300  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS 1. Grose, W.M., Alsobrook, J.P., Lepley, D.M., Burgess, C.E., Mishra, V.,  
Kekuda, R., Li, L., Padigaru, M., Shimkets, R.A., Zernhagen, B.D.,  
Szytek, K.A., Edinger, S., Gerlach, V., Macdougall, J., Stone, D.,  
Gunter, E. and Ellerman, K.  
TITLE Proteins and nucleic acids encoding same  
JOURNAL Patent: WO 0230974-A 50 18-APR-2002;  
Curagen Corporation (US)  
FEATURES Location/Qualifiers  
source 1..20  
/organism="synthetic construct"

/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide primer"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1412 TGAGTCAAGCGCAGT 1428  
|||||  
18 TGAGTCAAGCGCAGT 2

RESULT 2166  
LOCUS AX537788 20 bp DNA linear PAT 23-NOV-2002  
DEFINITION Sequence 6 from Patent WO02070556.  
ACCESSION AX537788  
VERSION AX537788.1 GI:25269823  
KEYWORDS  
SOURCE Mus musculus (house mouse)  
ORGANISM Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE  
AUTHORS Stanislowski, T., Schmitz, F., Voss, H. and Theobalt, M.  
TITLE Polypeptide of a p53 protein-specific murine g(ta)/\_g(b) t-cell  
JOURNAL receptor, nucleic acids coding therefor and use thereof  
Patent: WO 02070556-A 6 12-SEP-2002;  
Immunogenics AG (DE)  
FEATURES Location/Qualifiers  
source 1..20  
/organism="Mus musculus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10090"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1116 TCCAGCAGCTTCTCTCA 1132  
|||||  
4 TCCAGCAGCTTCTCTCA 20

RESULT 2167  
LOCUS AX551631 20 bp DNA linear PAT 26-NOV-2002  
DEFINITION Sequence 250 from Patent WO0250276.  
ACCESSION AX551631  
VERSION AX551631.1 GI:25814430  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE  
AUTHORS 1. Li, L., Padigaru, M., Ballinger, R.A., Kekuda, R., Colman, S.D.,  
Sciore, P., Smithson, G., Peyman, J.A., Macdougall, J.R., Stone, D.,  
Vernet, C.A., Shenoy, S., Gunther, E., Millet, I., Tchernev, V.T.,  
Anderson, D., Gusev, V., Malysankar, U.M., Zhong, H., Ellerman, K.E. and  
Molenc, A.

TITLE Novel proteins and nucleic acids encoding same  
JOURNAL Patent: WO 0250276-A 250 27-JUN-2002;  
Curagen Corporation (US)  
FEATURES Location/Qualifiers  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="TagMan PCR primer"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2325 ATCAGCAGACGAGTA 2341  
| | | | | | | | | |  
Db 17 ATTAAGCAGCAGCAGAA 1

RESULT 2168  
LOCUS AX565534/c 20 bp DNA linear PAT 29-NOV-2002  
DEFINITION Sequence 23 from Patent WO02077228.  
ACCESSION AX565534  
VERSION AX565534.1 GI:26000884  
KEYWORDS  
SOURCE . synthetic construct  
ORGANISM artificial construct.

REFERENCE 1  
AUTHORS de Villartay,J.P., Moshous,D. and Fischer,A.  
TITLE Gene involved in v(d) recombination and/or dna repair  
JOURNAL Patent: WO 02077228-A 23 03-OCT-2002;  
INSERM (E.P.S.T.) (FR)

FEATURES  
source Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer Ex10P1"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1415 GGTGAAGCAGACTCTC 1431  
| | | | | | | | | |  
Db 19 GTTGTAGCAGACTCTC 3

RESULT 2169  
LOCUS AX573369/c 20 bp DNA linear PAT 29-NOV-2002  
DEFINITION Sequence 23 from Patent WO02077026.  
ACCESSION AX573369  
VERSION AX573369.1 GI:26005252  
KEYWORDS  
SOURCE . synthetic construct  
ORGANISM artificial construct.

REFERENCE 1  
AUTHORS de Villartay,J.P., Moshous,D. and Fischer,A.  
TITLE Gene involved in v(d) recombination and/or dna repair  
JOURNAL Patent: WO 02077026-A 23 03-OCT-2002;  
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)  
(FR)

FEATURES  
source Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer Ex10P1"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1415 GGTGAAGCAGACTCTC 1431  
| | | | | | | | | |  
Db 19 GTTGTAGCAGACTCTC 3

RESULT 2170  
LOCUS AX613665 20 bp DNA linear PAT 17-FEB-2003

DEFINITION Sequence 4690 from Patent WO02072882.  
ACCESSION AX613665  
VERSION AX613665.1 GI:28403094  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens

REFERENCE 1  
AUTHORS Cullen,P. and Seedorf,U.  
TITLE Coronary chip  
JOURNAL Patent: WO 02072882-A 4690 19-SEP-2002;  
OGHAM GmbH (DE)

FEATURES  
source Location/Qualifiers  
1..20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3317 CCAGCAGCCCGACGCT 3333  
| | | | | | | | | |  
Db 1 CCAGCAGCCCGACGACT 17

RESULT 2171  
LOCUS AX662974/c 20 bp DNA linear PAT 22-MAR-2003  
DEFINITION Sequence 61 from Patent WO02066681.  
ACCESSION AX662974  
VERSION AX662974.1 GI:29163555  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens

REFERENCE 1  
AUTHORS Poole,J., Robinson,I.B. and Chang,B.D.  
TITLE Reagents and methods for identifying and modulating expression of genes regulated by cdk inhibitors  
JOURNAL Patent: WO 02066681-A 61 29-AUG-2002;  
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS (US).

FEATURES  
source Location/Qualifiers  
1..20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Analytical antisense primer for c-Tgase"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1131 CACCTGAAGAACTGAC 1147  
| | | | | | | | | |  
Db 17 CACCTGAACAACTGAC 1

RESULT 2172  
LOCUS AX683782/c 20 bp DNA linear PAT 29-MAR-2003  
DEFINITION Sequence 13 from Patent WO03006662.  
ACCESSION AX683782  
VERSION AX683782.1 GI:29370810  
KEYWORDS  
SOURCE . synthetic construct  
ORGANISM artificial construct.

REFERENCE 1  
AUTHORS Iggo,R.D., Fuierer,C. and Homicsko,K.C.

TITLE Anti-neoplastic viral agents  
JOURNAL Patent: WO 03006662-A 13 23-JAN-2003;  
BTG International Limited (GB)  
FEATURES Location/Qualifiers  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 981 CCGAGCCTCTCCGAGAC 997  
Db 17 CCGAGCCGCTCCGACAC 1

RESULT 2173  
AX702981/c 20 bp DNA linear PAT 03-APR-2003  
LOCUS AX702981  
DEFINITION Sequence 210 from Patent WO02059313.  
ACCESSION AX702981  
VERSION AX702981.1 GI:29538027  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Li, L., Ballinger, R. A., Padigaru, M., Kekuda, R., Colman, S. D.,  
Svytek, K. A., Casman, S. J., Vernet, C. A., Shenoy, S. G., Gusev, V.,  
Malyanekar, U. M., Edinger, S., Gerlach, V., Smithson, G., Stone, D. J.,  
Sciore, P., Macdougall, J. R., Gunther, E., Peyman, J. A., Ellerman, K.,  
Gangoli, E. A. and Milet, I.  
TITLE G-protein coupled receptors and nucleic acids encoding same  
JOURNAL Patent: WO 02059313-A 210 01-AUG-2002;  
Curagen Corporation (US)

FEATURES  
source Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR Primer Sequence"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2325 ATCAGCAGCAGCAGTA 2341  
Db 17 ATTAAGCAGCAGCAGAA 1

RESULT 2174  
AX703293/c 20 bp DNA linear PAT 03-APR-2003  
LOCUS AX703293  
DEFINITION Sequence 522 from Patent WO02059313.  
ACCESSION AX703293  
VERSION AX703293.1 GI:29538339  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Li, L., Ballinger, R. A., Padigaru, M., Kekuda, R., Colman, S. D.,  
Svytek, K. A., Casman, S. J., Vernet, C. A., Shenoy, S. G., Gusev, V.,  
Malyanekar, U. M., Edinger, S., Gerlach, V., Smithson, G., Stone, D. J.,  
Sciore, P., Macdougall, J. R., Gunther, E., Peyman, J. A., Ellerman, K.,  
Gangoli, E. A. and Milet, I.  
TITLE G-protein coupled receptors and nucleic acids encoding same  
JOURNAL Patent: WO 02059313-A 522 01-AUG-2002;  
Curagen Corporation (US)

FEATURES Location/Qualifiers  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR Primer Sequence"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2325 ATCAGCAGCAGCAGTA 2341  
Db 17 ATTAAGCAGCAGCAGAA 1

RESULT 2175  
AX708688 20 bp DNA linear PAT 04-APR-2003  
LOCUS AX708688  
DEFINITION Sequence 13 from Patent WO02074991.  
ACCESSION AX708688  
VERSION AX708688.1 GI:29564418  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Karlse, F.  
TITLE Detection of microorganisms using inducible genes  
JOURNAL Patent: WO 02074991-A 13 26-SEP-2002;  
Norchip A/S (NO)

FEATURES  
source Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 46 ACCACTTCTCTGACCCA 62  
Db 4 ACCACTTCTCTCGACACA 20

RESULT 2176  
AX756657 20 bp DNA linear PAT 25-JUN-2003  
LOCUS AX756657  
DEFINITION Sequence 10 from Patent EP1312684.  
ACCESSION AX756657  
VERSION AX756657.1 GI:32251222  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Tabli, K., Betz, G., Soong, R. D., Rasmussen, R., Desilva, D. M.,  
Ward, J. G. and Willard, H. P.  
TITLE Quantitative multiplex PCR with high dynamic range  
JOURNAL Patent: EP 1312684-A 10 21-MAY-2003;  
Roche Diagnostics GmbH (DE) ; F. HOFFMANN-LA ROCHE AG (CH) ; Idaho  
Technology, Inc. (US)

FEATURES Location/Qualifiers  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Her2/neu reverse primer"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;

	Matches	15;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;
QY	32	ACGGCCGAGAAAGACC	48							
Db	18	ACGGCAGCAGAAAGATCC	2							

LOCUS	AX766042/c	20 bp	DNA	linear	PAT 25-JUN-2003
DEFINITION	AX766042	Sequence 1 from Patent WO02102850.			
ACCESSION	AX766042				
VERSION	AX766042.1	GI:32260124			
KEYWORDS		synthetic construct			
SOURCE		synthetic construct			
ORGANISM		artificial sequences.			
REFERENCE	1	Schuh, A. and Conway, E.M.			
AUTHORS		Gene therapy for hemophilia A			
TITLE		Patent: WO 02102850-A 1 27-DEC-2002;			
JOURNAL		Schuh, Andre (CA) ; Conway, Edward M. (BE)			
FEATURES		location/Qualifiers			
Source		1..20			

Query Match	0.3%	Score	13.8	DB	1	length	20
Best Local Similarity	88.2%	Pred.	No.1.3e+03				
Matches	15	Conservative	0	Mismatches	2	Indels	0
						Gaps	0

```

RESULT 2178
AX786803/c
LOCUS      AX786803      20 bp      DNA
DEFINITION Sequence 106 from Patent WO03050283.
ACCESSION  AX786803
VERSION     AX786803.1  GI:32954158
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS    Houtzager, E., Vijn, I.M. and Sijmons, P.C.
TITLE      A structure for presenting desired peptide sequences
JOURNAL    Patent: WO 03050283-A 106 19-JUN-2003;
           Catchmabs B.V. (NL)
FEATURES
   source
       1..20
           Location/Qualifiers
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"
               /note="primer P135"

```

Query Match	0.3%	Score 13.8	DB 1	Length 20
Best Local Similarity	88.2%	Pred. No. 1,3e+03		
Matches	15	Conservative	0	Mismatches 2
				Indels 0
				Gaps 0
QY	5000	GCTCTCCAGCCTGAGCTG	5016	
Db	18	GCTCTCCAGCCTGAGCTG	2	

RESULT 2179			
AX797277			
LOCUS	AX797277	20 bp	DNA
DEFINITION	Sequence 10 from Patent WO03052063.		linear PAT 04-OCT-2003

ACCESSION	AK797277	
VERSION	AK797277.1	GI:37517930
KEYWORDS		
SOURCE	synthetic construct	
ORGANISM	synthetic construct	
REFERENCE	artificial sequences.	
	1	

Query Match	0.3%	Score 13.8	DB 1	length 20
Best Local Similarity	88.2%	Pred. No. 1	3e+03	
Matches 15, Conservative	0	Mismatches 2	Indels 0	Gaps 0

RESULT	2180				
AX800518					
LOCUS	AX800518	20 bp	DNA	linear	PAT 13-OCT-2003
DEFINITION	Sequence 17 from Patent WO03055911.				
ACCESSION	AX800518				
VERSION	AX800518.1				
KEYWORDS	GI:37653659				
SOURCE	.				
ORGANISM	synthetic construct				
	synthetic construct				
	artificial sequences.				

Query Match	0.3%	Score	13.8	DB	1	Length	20
Best Local Similarity	88.2%	Pred. No.	1.3e+03				
Matches	15	Conservative	0	Mismatches	2	Indels	0
						Gaps	0

RESULT 2181			
AX803709			
LOCUS	AX803709	20 bp	DNA
DEFINITION	Sequence 72 from Patent EP131267.		linear
ACCESSION	AX803709		PAT 24-NOV-2003
VERSION	AX803709.1	GI:38502251	
KEYWORDS			
SOURCE	unidentified		
ORGANISM	unidentified		
REFERENCE	unclassified.		
AUTHORS	1		
	Frank, B.L., Goodchild, J., Hamlin, H.A., Kuluskie, R.E.,		
	Roberts, P.C., Roberts, N.A., Malcher, D.M. and Wolfe, J.L.		

```

TITLE      Oligonucleotides specific for Hepatitis C Virus
JOURNAL    Patent: EP 1331267-A 72 30-JUL-2003;
           HYBRIDON, INC. (US)
FEATURES   Location/Qualifiers
            source
              1..20
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                /db_xref="taxon:32644"

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2661  TCCAGAACGTCGCCG 2677
           |||||
           3  TCCAGAACGACCCCG 19

RESULT 2182
LOCUS      AX805200/c      20 bp      DNA      linear      PAT 25-NOV-2003
DEFINITION Sequence 1368 from Patent WO03060160.
ACCESSION  AX805200
VERSION     AX805200.1  GI:38522341
KEYWORDS
SOURCE
ORGANISM   Oreochromis niloticus (Nile tilapia)
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei;
            Acanthomorpha; Acanthopterygii; Perciformes;
            Labroidae; Cichlidae; Oreochromis.
REFERENCE   1
AUTHORS    Lie,Y., Slettan,A., Hoeyum,M. and Lingaas,F.
TITLE      Verification of food origin based on nucleic acid pattern
           recognition
JOURNAL    Patent: WO 03060160-A 1368 24-JUL-2003;
           Genomar ASA (NO)
FEATURES   Location/Qualifiers
            source
              1..20
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                /mol_type="unassigned DNA"
                /db_xref="taxon:8128"

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1580  GGTGATCTGTGAGAA 1596
           |||||
           19  GGTGAGCTCGGTGAAA 3

RESULT 2183
LOCUS      AX813350      20 bp      DNA      linear      PAT 02-DEC-2003
DEFINITION Sequence 5 from Patent WO03062421.
ACCESSION  AX813350
VERSION     AX813350.1  GI:38635873
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE   1
AUTHORS    Gleave,M. and Signaevsky,M.
TITLE      Bispecific antisense oligonucleotides that inhibit igfbp-2 and
           igfbp-5 and methods of using same
JOURNAL    Patent: WO 03062421-A 5 31-JUL-2003;
           The University of British Columbia (CA)
FEATURES   Location/Qualifiers
            source
              1..20
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1699  AGCAGCCGAGCCCGAC 1715
           |||||
           2  AGCAGCCGACGCCCGC 18

RESULT 2184
LOCUS      AX813351      20 bp      DNA      linear      PAT 02-DEC-2003
DEFINITION Sequence 6 from Patent WO03062421.
ACCESSION  AX813351
VERSION     AX813351.1  GI:38635874
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE   1
AUTHORS    Gleave,M. and Signaevsky,M.
TITLE      Bispecific antisense oligonucleotides that inhibit igfbp-2 and
           igfbp-5 and methods of using same
JOURNAL    Patent: WO 03062421-A 6 31-JUL-2003;
           The University of British Columbia (CA)
FEATURES   Location/Qualifiers
            source
              1..20
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1699  AGCAGCCGAGCCCGAC 1715
           |||||
           1  AGCAGCCGACGCCCGC 17

RESULT 2185
LOCUS      AX813352      20 bp      DNA      linear      PAT 02-DEC-2003
DEFINITION Sequence 7 from Patent WO03062421.
ACCESSION  AX813352
VERSION     AX813352.1  GI:38635875
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE   1
AUTHORS    Gleave,M. and Signaevsky,M.
TITLE      Bispecific antisense oligonucleotides that inhibit igfbp-2 and
           igfbp-5 and methods of using same
JOURNAL    Patent: WO 03062421-A 7 31-JUL-2003;
           The University of British Columbia (CA)
FEATURES   Location/Qualifiers
            source
              1..20
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1699  AGCAGCCGAGCCCGAC 1715
           |||||
           1  AGCAGCCGACGCCCGC 17
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RESULT 2186  
LOCUS AX817775 20 bp DNA PAT 10-DEC-2003  
DEFINITION Sequence 11 from Patent WO02067861.  
ACCESSION AX817775  
VERSION AX817775.1 GI:39722972  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
Oncolytic adenoviral vectors  
Patent: WO 02067861-A 11 06-SEP-2002;  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Viral vector sequence"  
1..20  
/note="Fig. 26b(4). Sequence at the junction between  
E3-6.7 and GM-CSF."

misc\_feature  
E3-6.7 and GM-CSF."

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1856 CGGCACCCAGAGAGACC 1872  
Db 1 CGGCACCCAGAGAGACC 17

RESULT 2187  
LOCUS AX922574 20 bp DNA PAT 18-DEC-2003  
DEFINITION Sequence 914 from Patent WO02068649.  
ACCESSION AX922574  
VERSION AX922574.1 GI:40215493  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
JOURNAL  
FEATURES  
source  
synthetic construct  
synthetic construct  
artificial sequences.  
1  
Patent: WO 02068649-A 914 06-SEP-2002;  
Curagen Corporation (US)  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: NOV8 Primer 1"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 505 CGCCACCATGATGCCCC 521  
Db 17 CGCTCCCCATGCTCCC 1

RESULT 2188  
LOCUS AX925593 20 bp DNA PAT 19-DEC-2003  
DEFINITION Sequence 3 from Patent WO03082314.  
ACCESSION AX925593  
VERSION AX925593.1 GI:40243964  
KEYWORDS  
SOURCE  
Homo sapiens (human)

ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
Golz, S., Bruggemeier, U. and Geerts, A.  
Diagnostics and therapeutics for diseases associated with n-formyl  
peptide receptor like 1 (Fpr1)  
Patent: WO 03082314-A 3 09-OCT-2003;  
Bayer Aktiengesellschaft (DE)  
Location/Qualifiers  
1..20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3407 CCAGCCGCCCATATCACC 3423  
Db 17 CCAGCCGCCCATATCACC 1

RESULT 2189  
LOCUS AX937980 20 bp DNA PAT 06-JAN-2004  
DEFINITION Sequence 22 from Patent EP1354942.  
ACCESSION AX937980  
VERSION AX937980.1 GI:40713909  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE  
1  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
source  
Mus musculus (house mouse)  
Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.  
Seino, S., Ishizuka, N. and Okuno, M.  
Induction of insulin-producing cells  
Patent: EP 1354942-A 22 22-OCT-2003;  
JCR PHARMACEUTICALS CO., LTD. (JP); Seino, Susumu (JP)  
Location/Qualifiers  
1..20  
/organism="Mus musculus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10090"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1413 GAGGTGAGCAGAGTC 1429  
Db 1 GAGGTGAGCAGAGTC 17

RESULT 2190  
LOCUS BD070605 20 bp DNA PAT 27-AUG-2002  
DEFINITION Secretory thyroid-stimulating hormone receptor and method of  
assaying antibody against thyroid-stimulating hormone receptor by  
using the same.  
ACCESSION BD070605  
VERSION BD070605.1 GI:22616208  
KEYWORDS JP 2001292782-A/12.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.  
REFERENCE  
1 (bases 1 to 20)  
Hattori, Y. and Akamizu, H.  
Secretory thyroid-stimulating hormone receptor and method of  
assaying antibody against thyroid-stimulating hormone receptor by  
Patent: JP 2001292782-A 12 23-OCT-2001;  
TOSOH CORP

## COMMENT

OS Artificial Sequence  
PN JP 2001292782-A/12  
PD 23-OCT-2001  
PF 24-AUG-2000 JP 2000259393  
PI YOSHIOKI HATTORI,HISASHI AKAMIZU  
PC C12N15/09,C07K14/72,C12N5/10,C12P21/02,G01N33/566// (C12N15/09,  
PC C12N1/91),  
PC (C12N5/10,C12R1/91), (C12P21/02,C12R1/91), (C12N15/00,C12N5/00,  
PC (C12N15/00,C12R1/91), (C12N5/00,C12R1/91)  
CC Antisense primer antiSHR-4  
FH Key  
FT source  
Location/Qualifiers  
1..20  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

## FEATURES

FT Location/Qualifiers

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2869 TGAAGCCATTATCTCT 2885  
DB 3 TGTAGCCCATATCTCT 19

## RESULT 2191

## BD074595

LOCUS BD074595 20 bp DNA linear PAT 27-AUG-2002  
DEFINITION Antisense oligonucleotide composition and modulation method of JNK  
protein

ACCESSION BD074595.1 GI:22620198  
VERSION JP 2001514905-A/19.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 20)  
AUTHORS McKay,R., Dean,N., Montia,B.P., Scott,P., Nero and Gaarde,W.A.  
TITLE Antisense oligonucleotide composition and modulation method of JNK  
protein

JOURNAL Patent: JP 2001514905-A 19 18-SEP-2001;

## COMMENT

ISIS PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2001514905-A/19  
PD 18-SEP-2001  
PF 07-AUG-1998 JP 2000509875  
PR 13-AUG-1997 US 08/910629  
PI ROBERT MCKAY,NICHOLAS DEAN,BRETT P MONIA,PAMELA SCOTT PI

NERO, WILLIAM A GAARDE  
PC C1201/68,A61K31/7088,A61K48/00,A61P35/00,C12N15/09,C12P19/34,  
PC C12N15/00  
CC antisense sequence

FH Key  
FT source  
Location/Qualifiers  
1..20  
/organism="Artificial Sequence".

## FEATURES

1..20  
Location/Qualifiers  
/organism="synthetic construct"  
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/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4511 GGATGACCTGGAGGCT 4527  
DB 1 GGATGACCTCGGCTGCT 17

## RESULT 2192

## BD075161/c

LOCUS BD075161 20 bp DNA linear PAT 27-AUG-2002  
DEFINITION Methods for assessing cardiovascular status and compositions for  
use thereof.

ACCESSION BD075161.1 GI:22620764  
VERSION JP 2001519660-A/34.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Norberg,L.T., Andersson,M.K. and Lindstrom,P.H.R.  
TITLE Methods for assessing cardiovascular status and compositions for  
use thereof  
Patent: JP 2001519660-A 34 23-OCT-2001;

## COMMENT

EURONA MEDICAL AB  
OS Artificial Sequence  
PN JP 2001519660-A/34  
PD 23-OCT-2001  
PF 01-APR-1998 JP 1998542530  
PR 04-APR-1997 US 60/042930  
PI LEIF TORBJORN NORBERG,MARIA KRISTINA ANDERSSON,PER HARRY PI  
RUTGER LINDSTROM  
PC C1201/68,C07K14/72,C07K14/575,C12N9/48  
CC Description of Artificial Sequence: PCR PRIMER FH Key

FT source  
Location/Qualifiers  
1..20  
/organism="Artificial Sequence".

## FEATURES

1..20  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1077 ACTCAGCTCGCCAGCA 1093

DB 20 ACTCAGCTCGCTCAGAA 4

## RESULT 2193

## BD088739/c

LOCUS BD088739 20 bp DNA linear PAT 27-AUG-2002  
DEFINITION A method of arraying genome clone.

ACCESSION BD088739.1 GI:22634349  
VERSION JP 2001321190-A/983.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Soeda,E.  
TITLE A method of arraying genome clone  
JOURNAL Patent: JP 2001321190-A 983 20-NOV-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

## COMMENT

GENOTECHS  
OS Artificial Sequence.  
PN JP 2001321190-A/983  
PD 20-NOV-2001 JP 2001068285  
PF 12-MAR-2001 JP 2001068285  
PI EIICHI SOEDA  
PC C12N15/09,C12N15/09,C12M1/00,C1201/68,G01N33/53,G01N33/566, PC  
C12N15/00  
CC Description of Artificial Sequence:Synthetic DNA FH Key

FT source  
Location/Qualifiers  
1..20  
/organism="Artificial Sequence".

## FEATURES

Location/Qualifiers

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source
1.20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2910 CACATCCTCATCGCAT 2926
DB 19 CACCTCCTCCTCGCAT 3

RESULT 2194
BD089998 20 bp DNA linear PAT 27-AUG-2002
LOCUS A method of arraying genome clone.
ACCESSION BD089998
VERSION BD089998.1 GI:22635608
KEYWORDS JP 2001321190-A/2242.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 2242 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

COMMENT
OS Artificial Sequence
PN JP 2001321190-A/2242
PD 20-NOV-2001
PE 12-MAR-2001 JP 2001068285
PI EICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
CC Description of Artificial Sequence:Synthetic DNA FH Key
Location/Qualifiers
FT source 1.20
Location/Qualifiers
source 1.20
/organism='Artificial Sequence'.
Location/Qualifiers
1.20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1821 TCTGCGACTACATCCC 1837
DB 2 TCGGCGACTACATCCC 18

RESULT 2195
BD091208 20 bp DNA linear PAT 27-AUG-2002
LOCUS Inhibition of cell growth by lowering the level of pps.
ACCESSION BD091208
VERSION BD091208.1 GI:22636818
KEYWORDS JP 2001524318-A/8.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Honkanen,R.E.
TITLE Inhibition of cell growth by lowering the level of pps
JOURNAL Patent: JP 2001524318-A 8 04-DEC-2001;
SOUTH ALABAMA MEDICAL SCIENCE FOUNDATION
COMMENT OS Artificial Sequence

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PN JP 2001524318-A/8
PD 04-DEC-2001
PE 20-NOV-1998 JP 2000522277
PR 20-NOV-1997 US 08/975127
PI RICHARD E HONKANEN
PC C12Q1/68,A61K31/35,A61K31/711,A61K35/80,A61K48/00,A61P35/00,
PC C07D519/00,
PC C12N15/09//C07D519/00,C07D493:10,C07D493:201,C12N15/00 CC
ANTI-SENSE: YES
FH Key Location/Qualifiers
FT source 1.20
/organism='Artificial Sequence'.
Location/Qualifiers
source 1.20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1412 TGAGGTGAAGCGAGCT 1428
DB 19 TGAGGTGAAGCGCAAGT 3

RESULT 2196
BD105800 20 bp DNA linear PAT 27-AUG-2002
LOCUS Inhibitors for the formation of soluble human CD 23.
ACCESSION BD105800
VERSION BD105800.1 GI:22651374
KEYWORDS JP 2001348343-A/11.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE 1 (bases 1 to 20)
AUTHORS Frey,J.
TITLE Inhibitors for the formation of soluble human CD 23
JOURNAL Patent: JP 2001348343-A 11 18-DEC-2001;
JUGEREN FREY
COMMENT OS Homo sapiens (human)
PN JP 2001348343-A/11
PD 18-DEC-2001
PE 05-APR-2001 JP 2001107122
PR 07-APR-2000 EP 00107515.9
PI JUGEREN FREY
PC A61K45/00,A61K31/711,A61K39/395,A61K39/395,A61K48/00,A61P29/00, PC
A61P37/02,
PC A61P37/08,A61P43/00,C07K16/40,C12P21/08//C12N9/99,C12N15/09,
PC C12N15/00
CC Inhibitors for the formation of soluble human CD 23 FH Key
Location/Qualifiers
FT source 1.20
/organism='Homo sapiens (human)'.
Location/Qualifiers
source 1.20
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match
0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2920 TCAGCTCAAGTCCTCT 2936
DB 3 TCCGCAACAAGTCCTCT 19

```



LOCUS	BD106453	20 bp	DNA	linear	PAT 18-SEP-2002
DEFINITION	Reagents and methods useful for detecting diseases of the prostate.				
ACCESSION	BD106453				
VERSION	BD106453.1	GI:23201271			
KEYWORDS	JP 2002503956-A/20.				
SOURCE	Chlamydia sp.				
ORGANISM	Chlamydia sp.				
REFERENCES	Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.				
AUTHORS	1 (bases 1 to 20)				
	Medel,P.A.B., Cohen,M., Colpitts,T.L., Friedman,P.N., Gordon,J.,				
	Granados,E.N., Hodges,S.C., Klasse,M.R., Kratochvil,J.D., Rapp,L.R.,				
	Russell,J.C. and Stroupe,S.D.				
	Reagents and methods useful for detecting diseases of the prostate				
	Patent: JP 2002503956-A 20 05-FEB-2002;				
TITLE	ABBOTT LABORATORIES				
JOURNAL	PN	JP 2002503956-A/20			
COMMENT	PD	05-FEB-2002			
	PF	23-APR-1998 JP 1998546351			
	PR	23-APR-1997 US 08/842385			
	PI	PATRICIA A BILLING MEDEL, MAURICE COHEN, TRACEY L COLPITTS, PAULA			
	PI	N FRIEDMAN,			
	PI	JULIAN GORDON, EDWARD N GRANADOS, STEVEN C HODGES, MICHAEL R PI			
FEATURES	CLASS.				
	PI	JON D KRATOCHVIL, LISA ROBERTS RAPP, JOHN C RUSSELL, STEPHEN D			
	PI	STROUPE			
	PC	C12Q1/66, C07K14/47, C12N5/10, C07K16/00, G01N33/574, A61K38/17 CC			
	CC	Strandedness: Single;			
	CC	Topology: Linear;			
	FH	Key			
		Location/Qualifiers.			
		1..20			
		/organism="Chlamydia sp."			
		/mol_type="genomic DNA"			
		/db_xref="taxon:35827"			
Query Match	0.3%;	Score 13.8;	DB 1;	Length 20;	
Best Local Similarity	88.2%;	Pred. NO. 1.3e+03;			
Matches 15;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;	
Cy	1880	TGAGAGGAGTGGCTCG	18936		
Db	18	TGTGAGGAGTGGCTCG	2		
RESULT 2198					
LOCUS	BD123679	20 bp	DNA	linear	PAT 18-SEP-2002
DEFINITION	Secretory protein or membrane protein.				
ACCESSION	BD123679				
VERSION	BD123679.1	GI:23218624			
KEYWORDS	JP 2002017376-A/188.				
SOURCE	JP 2002017376-A/188.				
ORGANISM	synthetic construct				
	artificial sequence.				
	1 (bases 1 to 20)				
REFERENCE	Ota,T., Iisogi,T., Nishikawa,T., Kawai,Y., Sugiyama,T. and				
AUTHORS	Hayashi,K.				
	Secretory protein or membrane protein				
	Patent: JP 2002017376-A 188 22-JAN-2002;				
TITLE	HELIX RESEARCH INSTITUTE				
JOURNAL	OS	Artificial Sequence			
COMMENT	PN	JP 2002017376-A/188			
	PD	22-JAN-2002			
	PF	07-JUL-2000 JP 2000253173			
	PI	TOSHIO OTA, TAKAO ISOGLI, TETSUO NISHIKAWA, YURI KAWAI, TOMOYASU			
	PI	SUGIYAMA,			
	PI	KOJI HAYASHI			
	PC				
	C12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/				
	10,				

PC	C12P21/02.C1201/68//C12P21/08.C12N15/00.C12N5/00	CC
Description of Artificial Sequence: an artificially synthesized		
CC	sequence	primer
CC	key	Location/Qualifiers
FT	source	1..20
FT	Location/Qualifiers	/organism='Artificial Sequence'.
FEATURES		
source		
1..20		
/organism="synthetic construct"		
/mol_type="genomic DNA"		
/db_xref="taxon:32630"		
Query Match	0.3%; Score 13.8; DB 1; Length 20;	
Best Local Similarity	88.2%; Pred. No. 1.3e+03;	
Matches 15; Conservative	0; Mismatches 2; Indels 0; Gaps 0;	
OY	172 TGTACGCTGCACCACT 188	
DB	3 TGTACCTGTGACCAGT 19	
RESULT 2199		
BD128115/c	20 bp DNA linear PAT 18-SEP-2002	
LOCUS	BD128115	
DEFINITION	Primer for synthesizing full-length cDNA and use thereof.	
ACCESSION	BD128115	
VERSION	BD128115.1 GI:23223060	
KEYWORDS	JP 2002017375-A/3546.	
SOURCE	unidentified	
ORGANISM	unclassified	
REFERENCE	1 (bases 1 to 20)	
AUTHORS	Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,	
JOURNAL	Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and	
COMMENT	Koga,H.	
Primer for synthesizing full-length cDNA and use thereof		
Patent: JP 2002017375-A 3546 22-JAN-2002;		
HELIIX RESEARCH INSTITUTE		
OS	Unidentified	
PN	JP 2002017375-A/3546	
PD	22-JAN-2002	
PF	07-JUL-2000 JP 2000253172	
PI	TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO	
PI	ISHII,	
PI	YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI	
SHINICHI KOJIMA,		
PI	TETSUJI OTSUKI,HISASHI KOGA	
PC	C12N15/09,C07K14/47,C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/	
10,		
PC	C12P21/02.C1201/68//C12P21/08.G06F17/30.C12N15/00.C12N5/00	CC
Description of Artificial Sequence: an artificially synthesized primer		
CC	sequence	
CC	key	Location/Qualifiers
FT	source	1..20
FT	Location/Qualifiers	/organism='unidentified'.
FEATURES		
source		
1..20		
/organism="unidentified"		
/mol_type="genomic DNA"		
/db_xref="taxon:32644"		
Query Match	0.3%; Score 13.8; DB 1; Length 20;	
Best Local Similarity	88.2%; Pred. No. 1.3e+03;	
Matches 15; Conservative	0; Mismatches 2; Indels 0; Gaps 0;	
OY	2300 GGAGCAGAAACCATCA 2316	
DB	20 GGAGCAGAAACCATCA 4	

RESULT 2200  
BD128197/c 20 bp DNA linear PAT 18-SEP-2002  
LOCUS BD128197  
DEFINITION Primer for synthesizing full-length cDNA and use thereof.  
ACCESSION BD128197  
VERSION BD128197.1 GI:23223142  
KEYWORDS JP 2002017375-A/3628.  
SOURCE unclassified  
ORGANISM unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Oca,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y., Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and Koga,H.  
TITLE Primer for synthesizing full-length cDNA and use thereof  
JOURNAL Patent: JP 2002017375-A 3628 22-JAN-2002;  
COMMENT HELIX RESEARCH INSTITUTE  
OS Unidentified  
PN JP 2002017375-A/3628  
PD 22-JAN-2002  
PF 07-JUL-2000 JP 200253172  
PI TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO PI ISHII,  
PI YUKI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI SHINICHI KOJIMA,  
PI TETSUJI OTSUKI,HISASHI KOGA  
PC C12N15/09,C07K14/47,C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/ PC 10',  
PC C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 CC Description of Artificial Sequence: an artificially CC synthesized primer  
FH Key sequence  
FT source 1..20 Location/Qualifiers  
FT Location/Qualifiers  
1..20 /organism='Unidentified'.  
1..20 /organism='unidentified'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:32644'  
Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2209 ACAAGAAGCTGACTGCC 2225  
DB 17 ACAAGAAGCTAAGTGCC 1  
RESULT 2201  
BD174239 20 bp DNA linear PAT 18-FEB-2003  
LOCUS BD174239  
DEFINITION Transgenic animal having drug-metabolizing enzyme gene and utilization thereof.  
ACCESSION BD174239  
VERSION BD174239.1 GI:28415578  
KEYWORDS WO 02066635-A/9.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Katsuki,M., Kametaki,T., Teranishi,Y., Ishida,M. and Kato,M.  
TITLE Transgenic animal having drug-metabolizing enzyme gene and utilization thereof  
JOURNAL Patent: WO 02066635-A 9 29-AUG-2002;  
COMMENT GENCOM CORP,MOTOYA KATSUKI,TETSUYA KAWATAKI,YUTAKA TERANISHI, MITSUYOSHI ISHIDA,MINORU KATO  
OS Artificial Sequence  
PN WO 02066635-A/9  
PD 29-AUG-2002 WO 2002JP001555  
PF 21-FEB-2002 WO 2002JP001555

PR 23-FEB-2001 JP 01P 047735  
PI MOTOYA KATSUKI,TETSUYA KAWATAKI,YUTAKA TERANISHI,MITSUYOSHI PI ISHIDA,  
PI MINORU KATO  
PC C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12Q1/02,A01K67/ PC 027,  
PC A01K67/027,A61K45/00,A61P1/00,A61P3/10,A61P5/00,A61P9/00, PC A61P11/00,  
PC A61P13/12,A61P19/00,A61P25/00,A61P31/00,A61P35/00,A61P37/08 CC Description of Artificial Sequence: Synthetic DNA FH Key  
FT source 1..20 Location/Qualifiers  
FT Location/Qualifiers  
1..20 /organism='Artificial Sequence'.  
1..20 /organism='synthetic construct'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:32630'  
Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1388 CTCCTTATCCTCCAG 1404  
DB 2 CTCCTTTCCTCAAG 18  
RESULT 2202  
BD174243 20 bp DNA linear PAT 18-FEB-2003  
LOCUS BD174243  
DEFINITION Transgenic animal having drug-metabolizing enzyme gene and utilization thereof.  
ACCESSION BD174243  
VERSION BD174243.1 GI:28415582  
KEYWORDS WO 02066635-A/13.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Katsuki,M., Kametaki,T., Teranishi,Y., Ishida,M. and Kato,M.  
TITLE Transgenic animal having drug-metabolizing enzyme gene and utilization thereof  
JOURNAL Patent: WO 02066635-A 13 29-AUG-2002;  
COMMENT GENCOM CORP,MOTOYA KATSUKI,TETSUYA KAWATAKI,YUTAKA TERANISHI, MITSUYOSHI ISHIDA,MINORU KATO  
OS Artificial Sequence  
PN WO 02066635-A/13  
PD 29-AUG-2002  
PF 21-FEB-2002 WO 2002JP001555  
PR 23-FEB-2001 JP 01P 047735  
PI MOTOYA KATSUKI,TETSUYA KAWATAKI,YUTAKA TERANISHI,MITSUYOSHI PI ISHIDA,  
PI MINORU KATO  
PC C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12Q1/02,A01K67/ PC 027,  
PC A01K67/027,A61K45/00,A61P1/00,A61P3/10,A61P5/00,A61P9/00, PC A61P11/00,  
PC A61P13/12,A61P19/00,A61P25/00,A61P31/00,A61P35/00,A61P37/08 CC Description of Artificial Sequence: Synthetic DNA FH Key  
FT source 1..20 Location/Qualifiers  
FT Location/Qualifiers  
1..20 /organism='Artificial Sequence'.  
1..20 /organism='synthetic construct'  
/mol\_type='genomic DNA'  
/db\_xref='taxon:32630'  
Query Match 0.3%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1388 CTCCTTATCCTCCAG 1404  
 |||||  
 Db 2 CTCCTTTCCTCAAG 18

RESULT 2203  
 ABO67882 20 bp DNA linear SYN 21-MAY-2003  
 LOCUS ABO67882/c  
 DEFINITION Synthetic construct DNA, forward primer for human STS sts-R5407R at 1936.  
 ACCESSION ABO67882  
 VERSION ABO67882.1 GI:15128686  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM  
 HUMAN  
 REFERENCE  
 AUTHORS 1  
 Chen, Y.-Z., Hayashi, Y., Wu, J.-G., Takaoka, E., Maekawa, K., Matanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A. and Seeda, E.  
 A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36  
 Genomics 74 (1), 55-70 (2001)  
 MEDLINE 21269192  
 PUBMED 11374902  
 REFERENCE 2 (bases 1 to 20)  
 AUTHORS Horii, A.  
 TITLE Direct Submission  
 JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology/2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp, Tel: 81-22-717-8042, Fax: 81-22-717-8047)  
 FEATURES  
 source Location/Qualifiers  
 1..20  
 /organism="synthetic construct"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32630"  
 misc\_feature 1..20  
 /note="forward primer for human STS sts-R5407R at 1936 sts-R5407R obtained from clones B5407, B158F2, B14F12, B175B13, B182P19, B109B12, B305E20, B27008, Human BAC library RPCI-11"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2910 CACATCTCATCAGCAT 2926  
 |||||  
 Db 19 CACCTCTCTCAGCAT 3

RESULT 2204  
 ASE010536 20 bp RNA linear SYN 14-OCT-1998  
 LOCUS ASE010536  
 DEFINITION Artificial oligonucleotide sequence (ZY38UP) for Zucchini Yellow Mosaic Virus (ZYMV) RACE-PCR.  
 ACCESSION AJ010536  
 VERSION AJ010536.1 GI:3757756  
 KEYWORDS oligonucleotide; primer.  
 SOURCE synthetic construct  
 ORGANISM  
 HUMAN  
 REFERENCE  
 AUTHORS 1  
 Yoon, J.-Y., Ryu, K.-H., Park, W.-M. and Choi, J.-K.  
 TITLE Amplification of ZYMV middle region by RT-PCR with ZYMV specific primers  
 JOURNAL Unpublished  
 REFERENCE 2 (bases 1 to 20)  
 AUTHORS Ryu, K.-H.  
 TITLE Direct Submission  
 JOURNAL Submitted (10-OCT-1998) Ryu K.H., Graduate School of Biotechnology,

FEATURES  
 source Location/Qualifiers  
 1..20  
 /organism="synthetic construct"  
 /mol\_type="other RNA"  
 /db\_xref="taxon:32630"  
 misc\_feature 1..20  
 /note="ZY38UP primer for Zucchini Yellow Mosaic Virus (ZYMV) RACE-PCR"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5051 GAAATAGTGAGCCTTT 5067  
 |||||  
 Db 3 GAAATAGTGAGCCTTT 19

RESULT 2205  
 ASE011064/c 20 bp DNA linear SYN 10-SEP-1998  
 LOCUS ASE011064  
 DEFINITION Artificial oligonucleotide sequence (ZY38DOWN) for PCR detection of zucchini yellow mosaic virus.  
 ACCESSION AJ011064  
 VERSION AJ011064.1 GI:3581944  
 KEYWORDS oligonucleotide; primer.  
 SOURCE synthetic construct  
 ORGANISM  
 HUMAN  
 REFERENCE  
 AUTHORS 1  
 Yoon, J.-Y., Choi, S.-K., Choi, J.-K., Park, W.-M. and Ryu, K.-H.  
 TITLE Amplification of genomic RNA of ZYMV by RT-PCR with ZYMV-specific primer  
 JOURNAL Unpublished  
 REFERENCE 2 (bases 1 to 20)  
 AUTHORS Ryu, K.-H.  
 TITLE Direct Submission  
 JOURNAL Submitted (04-SEP-1998) Ryu K.H., Graduate School of Biotechnology, Korea University, 1 Ga 5, Anam-Dong Sungbuk-Ku, Seoul 136-701, KOREA  
 FEATURES  
 source Location/Qualifiers  
 1..20  
 /organism="synthetic construct"  
 /mol\_type="other DNA"  
 /db\_xref="taxon:32630"  
 /note="synthetic oligonucleotide"  
 misc\_feature 1..20  
 /note="ZY38DOWN primer for RT-PCR"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5051 GAAATAGTGAGCCTTT 5067  
 |||||  
 Db 17 GAAATAGTGAGCCTTT 1

RESULT 2206  
 ASJ01023 20 bp RNA linear SYN 07-AUG-1998  
 LOCUS ASJ01023  
 DEFINITION Artificial RT-PCR primer (PAPMCP5) for Apple mosaic virus (APMV) in apple.  
 ACCESSION AJ010123  
 VERSION AJ010123.1 GI:3402832  
 KEYWORDS primer.  
 SOURCE synthetic construct  
 ORGANISM  
 HUMAN  
 REFERENCE  
 AUTHORS 1  
 Yoon, J.-Y., Choi, S.-K., Choi, J.-K., Park, W.-M. and Ryu, K.-H.  
 TITLE Amplification of genomic RNA of ZYMV by RT-PCR with ZYMV-specific primer  
 JOURNAL Unpublished  
 REFERENCE 2 (bases 1 to 20)  
 AUTHORS Ryu, K.-H.  
 TITLE Direct Submission  
 JOURNAL Submitted (04-SEP-1998) Ryu K.H., Graduate School of Biotechnology, Korea University, 1 Ga 5, Anam-Dong Sungbuk-Ku, Seoul 136-701, KOREA

AUTHORS Lee,C.H., Kim,C.S., Choi,S.K. and Ryu,K.H.  
 TITLE RT-PCR detection of Apple mosaic virus in cultivated apple  
 JOURNAL Unpublished  
 REFERENCE 2 (bases 1 to 20)

AUTHORS Ryu,K.H.  
 TITLE Direct Submission  
 JOURNAL Submitted (04-AUG-1998) Ryu K.H., Korea University, Graduate School of Biotechnology, 136-701, KOREA  
 FEATURES location/Qualifiers

source

1..20  
 /organism="synthetic construct"  
 /mol\_type="other RNA"  
 /db\_xref="taxon:32630"  
 /note="RT-PCR primer PAPMCP5"

Query Match 0.3%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1285 TCACATGCTGTCAG 1301  
 |||||  
 1 TCACATGCTGTCAG 17

Db

RESULT 2207  
 LOCUS A17774 21 bp DNA linear PAT 30-SEP-1994  
 DEFINITION Nucleotide sequence 13 from patent number EP0488900.  
 ACCESSION A17774  
 VERSION A17774.1 GI:641137

KEYWORDS  
 SOURCE unidentified  
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 21)  
 AUTHORS Caput,D., Ferrara,P., Miloux,B., Miny,A. and Vltz,N.  
 TITLE Protein with cytokine activity, recombinant DNA, expression vector and hosts for obtaining it  
 JOURNAL Patent: EP 0488900-A 13 03-JUN-1992;  
 ELP SANOFI

FEATURES location/Qualifiers

1..21  
 /organism="unidentified"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4416 AATATATATATATATA 4432  
 |||||  
 17 AATTAATTTTATATA 1

Db

RESULT 2208  
 LOCUS A44832 21 bp DNA linear PAT 07-MAR-1997  
 DEFINITION Sequence 8 from Patent WO9513095.  
 ACCESSION A44832  
 VERSION A44832.1 GI:2299437

KEYWORDS  
 SOURCE unidentified  
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 21)  
 AUTHORS Smith,G.K., Blumenkopf,T.A. and Cory,M.  
 TITLE THERAPY  
 JOURNAL Patent: WO 9513095-A 8 18-MAY-1995;  
 WELLCOME FOUND (GB)

COMMENT Other publication CA 2176024 950518  
 Other publication AU 814894 950529.  
 FEATURES location/Qualifiers

source 1..21  
 /organism="unidentified"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 547 GCTCCAGGCGGAGG 563  
 |||||  
 3 GCTCGAGGCGGAGG 19

Db

RESULT 2209  
 LOCUS A71410 21 bp DNA linear PAT 07-MAY-1999  
 DEFINITION Sequence 21 from Patent WO9810094.  
 ACCESSION A71410  
 VERSION A71410.1 GI:4775024

KEYWORDS  
 SOURCE unidentified  
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 21)  
 AUTHORS Serio,M., Orlando,C., Pazzagli,M. and Sestini,R.  
 TITLE PLASMIDS CONTAINING TWO OR MORE COMPETITORS IN SEQUENCE AND THEIR APPLICATION IN COMPETITIVE-PCR TECHNIQUES  
 JOURNAL Patent: WO 9810094-A 21 12-MAR-1998;  
 SERIO MARIO (IT)  
 COMMENT Other publication IT F1960208 19980305.  
 FEATURES location/Qualifiers

1..21  
 /organism="unidentified"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3757 TCGCTCTTCACGTGC 3773  
 |||||  
 20 TCGCTCTTCGACGTGC 4

Db

RESULT 2210  
 LOCUS AR016090 21 bp DNA linear PAT 05-DEC-1998  
 DEFINITION Sequence 18 from patent US 5776680.  
 ACCESSION AR016090  
 VERSION AR016090.1 GI:3972367

KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)  
 AUTHORS Ielbowitz,M.J. and Liu,Y.  
 TITLE Diagnostic probes for pneumocystis carinii  
 JOURNAL Patent: US 5776680-A 18 07-JUL-1998;  
 FEATURES location/Qualifiers

1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2373 AACAGAGAGGAGCA 2389  
 |||||  
 3 AACAGAGAGGAGCA 19

Db

RESULT 2211  
AR027378/c AR027378 21 bp DNA linear PAT 29-SEP-1999  
LOCUS AR027378  
DEFINITION Sequence 38 from patent US 5856188.  
ACCESSION AR027378  
VERSION AR027378.1 GI:5938198  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hampel,A.E., Tritz,R.H. and Hicke,M.F.  
TITLE Hairpin ribozymes  
JOURNAL Patent: US 5856188-A 38 05-JAN-1999;  
FEATURES  
Source Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGGCA 4301  
Db 20 CACACACGACGCGGCA 4

RESULT 2212  
AR028832/c AR028832 21 bp DNA linear PAT 29-SEP-1999  
LOCUS AR028832  
DEFINITION Sequence 38 from patent US 5858785.  
ACCESSION AR028832  
VERSION AR028832.1 GI:5940805  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hampel,A.E. and Tritz,R.H.  
TITLE HIV targeted ribozymes  
JOURNAL Patent: US 5858785-A 38 12-JAN-1999;  
FEATURES  
Source Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGGCA 4301  
Db 20 CACACACGACGCGGCA 4

RESULT 2213  
AR028931/c AR028931 21 bp DNA linear PAT 29-SEP-1999  
LOCUS AR028931  
DEFINITION Sequence 24 from patent US 5858963.  
ACCESSION AR028931  
VERSION AR028931.1 GI:5940904  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hawley,R.J., Montoy,R.L., Rosa,M.D., Schacter,B.Z. and Romach,P.D.  
TITLE Inducing xenograft tolerance and porcine cytokines therefor  
JOURNAL Patent: US 5858963-A 24 12-JAN-1999;  
FEATURES  
Source Location/Qualifiers  
1..21

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1517 CAGGTTCTGACGCCACA 1533  
Db 21 CAGGTTCTGACGCCACA 5

RESULT 2214  
AR031126/c AR031126 21 bp DNA linear PAT 29-SEP-1999  
LOCUS AR031126  
DEFINITION Sequence 24 from patent US 5863528.  
ACCESSION AR031126  
VERSION AR031126.1 GI:5945412  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hawley,R.J., Montoy,R.L., Rosa,M.D., Schacter,B.Z. and Pomath,P.D.  
TITLE Porcine cytokines  
JOURNAL Patent: US 5863528-A 24 26-JAN-1999;  
FEATURES  
Source Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1517 CAGGTTCTGACGCCACA 1533  
Db 21 CAGGTTCTGACGCCACA 5

RESULT 2215  
AR034369/c AR034369 21 bp DNA linear PAT 29-SEP-1999  
LOCUS AR034369  
DEFINITION Sequence 38 from patent US 5869339.  
ACCESSION AR034369  
VERSION AR034369.1 GI:5949974  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hampel,A.E., Tritz,R.H. and Hicke,M.F.  
TITLE HIV targeted hairpin ribozymes  
JOURNAL Patent: US 5869339-A 38 09-FEB-1999;  
FEATURES  
Source Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGGCA 4301  
Db 20 CACACACGACGCGGCA 4

RESULT 2216  
AR036605 AR036605 21 bp DNA linear PAT 29-SEP-1999  
LOCUS AR036605  
DEFINITION Sequence 5 from patent US 5872242.  
ACCESSION AR036605

VERSION AR036605.1 GI:5953273  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Monia,B.P., Cowsett,L.M. and Manoharan,M.  
TITLE Antisense oligonucleotide inhibition of ras  
JOURNAL Patent: US 5872242-A 5 16-FEB-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3911 GCCCACCACCGACGCGC 3927  
Db 1 GCCCACCACCGACGCGC 17  
RESULT 2217  
AR037907 21 bp DNA linear PAT 29-SEP-1999  
LOCUS AR037907  
DEFINITION Sequence 27 from patent US 5804383.  
ACCESSION AR037907  
VERSION AR037907.1 GI:5956624  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Gruener,D.C. and Dohman,A.F.  
TITLE Method and assay for detection of the expression of allele-specific mutations by allele-specific in situ reverse transcriptase polymerase chain reaction  
JOURNAL Patent: US 5804383-A 27 08-SEP-1998;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 4910 AGCCATCACCACGACCA 4926  
Db 2 AGCCATCACCACGACCA 18  
RESULT 2218  
AR065074 21 bp DNA linear PAT 29-SEP-1999  
LOCUS AR065074  
DEFINITION Sequence 18 from patent US 5849484.  
ACCESSION AR065074  
VERSION AR065074.1 GI:5995290  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Leibowitz,M.J. and Liu,Y.  
TITLE In vitro assay for inhibitors of the intron self-splicing reaction in Pneumocystis carinii  
JOURNAL Patent: US 5849484-A 18 15-DEC-1998;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2373 ACAGAGAGGAGGACCA 2389  
Db 3 AAAAGAGAGGAGTACCA 19  
RESULT 2219  
AR072337 21 bp DNA linear PAT 28-AUG-2000  
LOCUS AR072337  
DEFINITION Sequence 140 from patent US 5948611.  
ACCESSION AR072337  
VERSION AR072337.1 GI:9999101  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Prockop,D.J., Ala-Kokko,L., Williams,C.J., Rivaniento,P., Baldwin,C., Hopkinson,I. and Ahmad,N.Nina.  
TITLE Primers and methods for detecting mutations in the procollagen II gene (COL2A1) that indicate a genetic predisposition for a COL2A1-associated disease  
JOURNAL Patent: US 5948611-A 140 07-SEP-1999;  
FEATURES Location/Qualifiers  
source 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 197 AGGAGAGGCGTGGCAAG 213  
Db 5 AGGAGAGGCGGACAGCAAG 21  
RESULT 2220  
AR072340 21 bp DNA linear PAT 28-AUG-2000  
LOCUS AR072340  
DEFINITION Sequence 143 from patent US 5948611.  
ACCESSION AR072340  
VERSION AR072340.1 GI:9999104  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Prockop,D.J., Ala-Kokko,L., Williams,C.J., Rivaniento,P., Baldwin,C., Hopkinson,I. and Ahmad,N.Nina.  
TITLE Primers and methods for detecting mutations in the procollagen II gene (COL2A1) that indicate a genetic predisposition for a COL2A1-associated disease  
JOURNAL Patent: US 5948611-A 143 07-SEP-1999;  
FEATURES Location/Qualifiers  
source 1..21  
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/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 197 AGGAGAGGCGTGGCAAG 213  
Db 17 AGGAGAGGCGGACAGCAAG 1  
RESULT 2221  
AR079625

LOCUS AR079625 21 bp DNA linear PAT 31-AUG-2000  
DEFINITION Sequence 5 from patent US 5965722.  
ACCESSION AR079625  
VERSION AR079625.1 GI:10006369  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Ecker,D.J., Cook,P.Dan., Monia,B.P., Freier,S.M. and Sanghvi,Y.S.  
TITLE Antisense inhibition of ras gene with chimeric and alternating oligonucleotides  
JOURNAL Patent: US 5965722-A 5 12-OCT-1999;  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3911 GCCCACCACCGACGCGC 3927  
Db 1 GCCCACCACCGACGCGC 17  
RESULT 2222  
LOCUS AR102380 21 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 5 from patent US 6083923.  
ACCESSION AR102380  
VERSION AR102380.1 GI:12813178  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hardee,G.E., Gearty,R.S., Levin,A., Tempkin,M.V., Howard,R. and Mehta,R.C.  
TITLE Liposomal oligonucleotide compositions for modulating RAS gene expression  
JOURNAL Patent: US 6083923-A 5 04-JUL-2000;  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3911 GCCCACCACCGACGCGC 3927  
Db 1 GCCCACCACCGACGCGC 17  
RESULT 2223  
LOCUS AR109848/c 21 bp DNA linear PAT 14-FEB-2001  
DEFINITION Sequence 272 from patent US 6114139.  
ACCESSION AR109848  
VERSION AR109848.1 GI:12826124  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Hinuma,S., Hosoya,M., Fujii,R., Ohtaki,T., Fukusumi,S. and Ohgi,K.  
TITLE G-protein coupled receptor protein and a DNA encoding the receptor  
JOURNAL Patent: US 6114139-A 272 05-SEP-2000;  
FEATURES  
source Location/Qualifiers  
1..21

/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1032 GGGCTTCAGAGAGCA 1048  
Db 21 GGGCATCCAGCAGAGCA 5  
RESULT 2224  
LOCUS AR117340 21 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 8 from patent US 6140100.  
ACCESSION AR117340  
VERSION AR117340.1 GI:14098246  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Smith,G.Keith., Blumenkopf,T.Andrew. and Cory,M.  
TITLE Cell-targeting molecule comprising a mutant human carboxypeptidase A  
JOURNAL Patent: US 6140100-A 8 31-OCT-2000;  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 547 GCTCGAAGCGGAGAG 563  
Db 3 GCTCGAAGCGGAGAG 19  
RESULT 2225  
LOCUS AR119538 21 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 31 from patent US 6153386.  
ACCESSION AR119538  
VERSION AR119538.1 GI:14102237  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Lalouel,J.-M. and Jeunemaitre,X.  
TITLE Method to determine predisposition to hypertension  
JOURNAL Patent: US 6153386-A 31 28-NOV-2000;  
FEATURES  
source Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3376 GCAGGGAGAAAGTCT 3392  
Db 17 GCAGGGAGAGAGTCTT 1  
RESULT 2226  
LOCUS AR130446 21 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 15 from patent US 6190857.

ACCESSION AR130446  
 VERSION AR130446.1 GI:14118771  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE  
 AUTHORS 1 (bases 1 to 21)  
 TITLE Ralph, D., An, G., O'Hara, S., Mark, and Veltri, R.  
 TITLE diagnosis of disease state using mRNA profiles in peripheral leukocytes  
 JOURNAL Patent: US 6190857-A 15 20-FEB-2001;  
 FEATURES  
 source Location/Qualifiers  
 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1984 TGCTGGCCAGCCTGAG 2000  
 DB 19 TGCTGGCCAGCCTGAG 3

RESULT 2227  
 LOCUS AR139576 21 bp DNA linear PAT 16-JUN-2001  
 DEFINITION Sequence 93 from patent US 6207383.  
 ACCESSION AR139576  
 VERSION AR139576.1 GI:14482072  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE  
 AUTHORS 1 (bases 1 to 21)  
 TITLE Keating, M.T. and Splawski, I.  
 TITLE Mutations in and genomic structure of HERG--a long QT syndrome gene  
 JOURNAL Patent: US 6207383-A 93 27-MAR-2001;  
 FEATURES  
 source Location/Qualifiers  
 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4166 CTCCTGCCAGCTTCT 4182  
 DB 18 CTCCTGCCAGCTTCT 2

RESULT 2228  
 LOCUS AR142111 21 bp DNA linear PAT 08-AUG-2001  
 DEFINITION Sequence 8 from patent US 6174674.  
 ACCESSION AR142111  
 VERSION AR142111.1 GI:15102411  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE  
 AUTHORS 1 (bases 1 to 21)  
 TITLE Morris, S.W. and Look, A. Thomas.  
 TITLE Method of detecting a chromosomal rearrangement involving a  
 breakpoint in the ALK or NPM gene  
 JOURNAL Patent: US 6174674-A 8 16-JAN-2001;  
 FEATURES  
 source Location/Qualifiers  
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 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3044 CCACCTCCAGGGGAGA 3060  
 DB 5 CCACCTCCAGGGGAGA 21

RESULT 2229  
 LOCUS AR142722 21 bp DNA linear PAT 08-AUG-2001  
 DEFINITION Sequence 5 from patent US 6204000.  
 ACCESSION AR142722  
 VERSION AR142722.1 GI:15104008  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE  
 AUTHORS 1 (bases 1 to 21)  
 TITLE Dong, J.-T., Barrett, J. Carl., Lamb, P.W. and Isaacs, J.T.  
 TITLE Diagnostic methods and gene therapy using reagents derived from the  
 human metastasis suppressor gene KAI1  
 JOURNAL Patent: US 6204000-A 5 20-MAR-2001;  
 FEATURES  
 source Location/Qualifiers  
 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4541 CCTAAACACGTGCCA 4557  
 DB 17 CCTAAACACGTGCCA 1

RESULT 2230  
 LOCUS AR148290 21 bp DNA linear PAT 08-AUG-2001  
 DEFINITION Sequence 21 from patent US 6225082.  
 ACCESSION AR148290  
 VERSION AR148290.1 GI:15112380  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE  
 AUTHORS 1 (bases 1 to 21)  
 TITLE Carson, J., Kwon, S., Ainger, K. and Avossa, D.  
 TITLE Myelin basic protein mRNA transport and translation enhancer  
 sequences  
 JOURNAL Patent: US 6225082-A 21 01-MAY-2001;  
 FEATURES  
 source Location/Qualifiers  
 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4649 AGGACTGAGAGCTG 4665  
 DB 5 AGGACTGAGAGCTG 21

RESULT 2231  
 LOCUS AR166275 21 bp DNA linear PAT 17-OCT-2001  
 DEFINITION Sequence 48 from patent US 6280978.  
 ACCESSION AR166275  
 VERSION AR166275.1 GI:16241538



KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Mitchell,L.G. and Garcia-Blanco,M.A.  
TITLE Methods and compositions for use in spliceosome mediated RNA  
trans-splicing  
JOURNAL Patent: US 6280978-A 48 28-AUG-2001;  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCCTCATCAGCATCA 2928  
Db 21 CATCATCATCATCATCA 5

RESULT 2232  
ARI78575 21 bp DNA linear PAT 20-APR-2002  
LOCUS Sequence 8 from patent US 6319702.  
DEFINITION ARI78575  
ACCESSION ARI78575  
VERSION ARI78575.1 GI:20219713  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Smith,G.Keith., Blumenkopf,T. Andrew. and Cory,M.  
TITLE Nucleic acids encoding mutant human carboxypeptidase A enzymes  
JOURNAL Patent: US 6319702-A 8 20-NOV-2001;  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 547 GCTCCAGGCGGAGAG 563  
Db 3 GCTCGAAGCGGAGAG 19

RESULT 2233  
BD175150 21 bp DNA linear PAT 18-MAR-2003  
LOCUS Established periodontal cells.  
DEFINITION BD175150  
ACCESSION BD175150  
VERSION BD175150.1 GI:29120844  
KEYWORDS JP 2002262862-A/18.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
1 (bases 1 to 21)  
REFERENCE Miki,M., Kubota,M., Mitani,H., Obinata,M. and Ueda,M.  
AUTHORS Established periodontal cells  
TITLE Patent: JP 2002262862-A 18 17-SEP-2002;  
JOURNAL TOHOKU TECHN ARCH CO LTD  
OS Artificial Sequence  
PN JP 2002262862-A/18  
PD 17-SEP-2002  
PF 12-MAR-2001 JP 2001069249  
PI MIRI MIKI,MANORU KUBOTA,HIDEO MITANI,MASUO OBINATA,MASATSUGU  
PC UEDA  
C12N5/10,A01K67/027,C12Q1/02,C12Q1/68,G01N33/15,G01N33/50// PC

C12N15/09,  
PC (C12N5/10,C12R1:91),C12N5/00,C12N15/00,C12N5/00,C12R1:91) CC  
Description of Artificial Sequence: Oligonucleotide to act as  
a primer for  
CC PCR Location/Qualifiers  
FH Key 1..21  
FT source /organism='Artificial Sequence'.  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1800 CAGGGAAGACGGCGGA 1816  
Db 5 CAGGGAAGACGGCGTCA 21

RESULT 2234  
BD217355/c 21 bp DNA linear PAT 17-JUL-2003  
LOCUS Method of quantifying hypertensive constitution.  
DEFINITION BD217355  
ACCESSION BD217355  
VERSION BD217355.1 GI:33027125  
KEYWORDS JP 2002519012-A/31.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Lalouel,J.M. and Jeunemaitre,X.  
TITLE Method of quantifying hypertensive constitution  
JOURNAL Patent: JP 2002519012-A 31 02-JUL-2002;  
UNIVERSITY OF UTAH RESEARCH FOUNDATION  
COMMENT OS Homo sapiens (human)  
PN JP 2002519012-A/31  
PD 02-JUL-2002  
PF 15-APR-1999 JP 2000557000  
PR 29-JUN-1998 US 09/106216  
PI JEAN MARC LALOUEL,XAVIER JEUNEMAITRE  
PC C12Q1/68,C12N15/09,C12N15/00  
CC Method of quantifying hypertensive constitution FH Key  
location/Qualifiers  
1..21  
FT source /organism='Homo sapiens (human)'.  
1..21  
Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3376 GCAGGGAGAAAGTCTT 3392  
Db 17 GCAGGGAGAGAGTCTT 1

RESULT 2235  
BD223665/c 21 bp DNA linear PAT 17-JUL-2003  
LOCUS Mutations in and genomic structure of HERG - a long QT syndrome  
DEFINITION BD223665  
ACCESSION BD223665  
VERSION BD223665.1 GI:33033435  
KEYWORDS JP 2002521065-A/91.

SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Keating,M.T. and Splawski,I.  
TITLE Mutations in and genomic structure of HERG - a long QT syndrome gene  
JOURNAL Patent: JP 2002521065-A 91 16-JUL-2002;  
UNIVERSITY OF UTAH RESEARCH FOUNDATION  
COMMENT OS Homo sapiens (human)  
PN JP 2002521065-A/91  
PD 16-JUL-2002  
PR 20-JUL-1999 JP 2000562554  
PR 27-JUL-1998 US 09/122847,06-JAN-1999 US 09/226012 PI  
MARK T KEATING,IGOR SPLAWSKI  
PC C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15,C12N1/19, PC  
C12N1/21,  
PC C12N5/10,C12N5/10,C12Q1/02,C12Q1/68,G01N33/15,G01N33/50,G01N33/ PC  
53, G01N33/53,G01N33/566,G01N33/577//C12P21/08,C12N15/00,C12N5/00,  
PC C12N5/00  
CC Mutations in and genomic structure of HERG - a long QT CC  
syndrome gene  
FH Key Location/Qualifiers  
FT source 1..21  
FT /organism='Homo sapiens (human)'.  
FEATURES  
source  
1..21  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 4166 CTCCTGCCCGAGCTTCTCT 4182  
DB 18 CTCGAGCCCTGCTTCT 2  
RESULT 2236  
LOCUS CQ786151 21 bp DNA linear PAT 24-MAR-2004  
DEFINITION Sequence 39 from Patent WO2004018676.  
ACCESSION CQ786151  
VERSION CQ786151.1 GI:45721254  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Jansen,B., Gleave,M.E., Signaevsky,M., Beraldi,E., Trougakos,I. and  
Gonos,E.  
TITLE Real probes targeting cancer-related proteins  
JOURNAL Patent: WO 2004018676-A 39 04-MAR-2004;  
The University of British Columbia (CA)  
FEATURES  
source  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="RNAi for human IGFBP-2 and -5"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1699 AGCAGCGCGAGCGCGAC 1715  
DB 20 AGCAGCGCGAGCGCGC 4

RESULT 2237  
LOCUS CQ794988 21 bp DNA linear PAT 19-APR-2004  
DEFINITION Sequence 130 from Patent WO2004024173.  
ACCESSION CQ794988  
VERSION CQ794988.1 GI:46407404  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bussolino,F. and Marchio,S.  
TITLE A novel mechanism for hiv-1 entry into host cells and peptides  
inhibiting this mechanism  
JOURNAL Patent: WO 2004024173-A 130 25-MAR-2004;  
Credilis Therapeutics S.r.l. (IT)  
FEATURES  
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1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence:primer"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 4285 CGCAGCCGAGCGGCA 4301  
DB 21 CACAGACGAGCGGCA 5  
RESULT 2238  
LOCUS CQ799934 21 bp DNA linear PAT 28-APR-2004  
DEFINITION Sequence 32 from Patent WO2004030660.  
ACCESSION CQ799934  
VERSION CQ799934.1 GI:46848881  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
REFERENCE 1  
AUTHORS Gleave,M.E., Rocchi,P. and Signaevsky,M.  
TITLE Compositions for treatment of prostate and other cancers  
JOURNAL Patent: WO 2004030660-A 32 15-APR-2004;  
The University of British Columbia (CA)  
FEATURES  
source  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2682 GTTGACGCGAGGACA 2698  
DB 1 GTTGACATCAGGACA 17  
RESULT 2239  
LOCUS CQ802496 21 bp DNA linear PAT 10-MAY-2004  
DEFINITION Sequence 9 from Patent WO2004035615.  
ACCESSION CQ802496  
VERSION CQ802496.1 GI:47109462  
KEYWORDS  
SOURCE synthetic construct

ORGANISM	synthetic construct artificial sequences.
REFERENCE	1
AUTHORS	Klippel-Giese, A., Kaufmann, J. and Schwarzer, R.
TITLE	Factor involved in metastasis and uses thereof
JOURNAL	Patent: WO 2004035615-A 9 29-APR-2004; atugen AG (DE)
FEATURES	location/Qualifiers
source	1..21
	/organism="synthetic construct"
	/mol_type="unassigned DNA"
	/db_xref="taxon:32630"
	/note="antisense oligonucleotide"
misc_feature	1..6
	/note="RNA"
misc_feature	7..15
	/note="DNA linked through phosphorothioate linkages"
misc_feature	16..21
	/note="RNA"
Query Match	0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity	88.2%; Pred. No. 1.3e+03;
Matches	15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Oy	840 GACGACCTGTGAGGAGA 856
Db	21 GATGACCTGTGAGATGA 5
RESULT 2240	
LOCUS	CQ821203 21 bp DNA linear PAT 14-JUN-2004
DEFINITION	Sequence 33 from Patent WO2004046377.
ACCESSION	CQ821203
VERSION	CQ821203.1 GI:48715887
KEYWORDS	.
SOURCE	synthetic construct
ORGANISM	synthetic construct
	artificial sequences.
REFERENCE	1
AUTHORS	Casari, G., de Fusco, M. and Marconi, R.
TITLE	Diagnostic and therapeutic means for pathologies associated with
JOURNAL	alpha 2 subunit of the na, k pump
	Patent: WO 2004046377-A 33 03-JUN-2004;
	FONDAZIONE CENTRO SAN ROMANELLO DEL MONTE TABOR (IT)
FEATURES	location/Qualifiers
source	1..21
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	/db_xref="taxon:32630"
Query Match	0.3%; Score 13.8; DB 1; Length 21;
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Matches	15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Oy	2377 AGAGGAGGAGCAGAG 2393
Db	17 AGAGCAGGAGCAGAG 1
RESULT 2241	
LOCUS	CQ826549 21 bp DNA linear PAT 29-JUN-2004
DEFINITION	Sequence 130 from Patent EP1431306.
ACCESSION	CQ826549
VERSION	CQ826549.1 GI:49455299
KEYWORDS	.
SOURCE	synthetic construct
ORGANISM	synthetic construct
	artificial sequences.
REFERENCE	1
AUTHORS	Buesolino, F. and Marchio, S.
TITLE	A mechanism for hiv-1 entry into host cells and peptides inhibiting

```

JOURNAL      this mechanism
              Patent: EP 1431306-A 130 23-JUN-2004;
              Creabille Therapeutics S.R.L. (IT)
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      /mol_type="unassigned DNA"
      /db_xref="taxon:32630"
      /note="Description of Artificial Sequence:primer"

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4285 CGCACACCCAGACGGCGCA 4301
      |||||
      21 CACACACACAGACGGCGCA 5

RESULT 2242
LOCUS      CQ829198/c      21 bp      DNA      PAT 05-JUL-2004
DEFINITION Sequence 121 from Patent WO2004052933.
ACCESSION  CQ829198
VERSION     CQ829198.1 GI:49732566
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE
  1 Boneham S.P. and Ball J.K.
    Peptide presentations for human immunodeficiency virus vaccines
    Patent: WO 2004052933-A 121 24-JUN-2004;
    THE UNIVERSITY OF NOTTINGHAM (GB)
    location/Qualifiers
      1. 21
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        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="28.3.1 p1f4 plasmid primer"

FEATURES
  source

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2912 CATCCTCATCAGCATCA 2928
      |||||
      21 CATCATCATCATCATCA 5

RESULT 2243
LOCUS      E11470      21 bp      DNA      linear      PAT 29-SEP-1997
DEFINITION Primer.
ACCESSION  E11470
VERSION     E11470.1 GI:22025106
KEYWORDS   JP 1996140699-A/5.
SOURCE      unidentified
            unidentified
            unclassified.
REFERENCE
  1 (bases 1 to 21)
    Shibata,T., Suzuki,S., Takimoto,H. and Masui,S.
    MEASUREMENT OF TYROSINASE MESSENGER RNA AMOUNT
    Patent: JP 1996140699-A 5 04-JUN-1996;
    POLA CHEM IND INC

COMMENT
  OS      None
  OC      Artificial sequences.
  PN      JP 1996140699-A/5
  PD      04-JUN-1996
  PF      22-NOV-1994 JP 1994288041
  PI      SHIBATA TAKASHI, SUZUKI SATOSHI, TAKIMOTO HIROYUKI, PI MASUI
  SHIGEKI
  PC      C1201/66, C12N15/09;

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CC strandedness: Single;  
CC topology: Linear;  
CC hypothetical: No;  
CC anti-sense: Yes;  
FH Key Location/Qualifiers  
FT source 1..21  
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source 1..21 /organism='Artificial sequences'.  
Location/Qualifiers  
1..21  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2813 TGAAGAAGAGTAGG 2829  
DB 3 TGAAGAAGAGTAGG 19

RESULT 2244  
104254/c 21 bp DNA linear PAT 02-DEC-1994  
LOCUS 104254  
DEFINITION Sequence 3 from Patent EP 0136489.  
ACCESSION 104254  
VERSION 104254.1 GI:591850  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Souza,L.M. and Strabinsky,Y.  
TITLE Analogs of human interleukin II and their preparation  
JOURNAL Patent: EP 0136489-A1 3 10-APR-1985;  
FEATURES  
source 1..21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 999 TTGTTCCAGGACTGCA 1015  
DB 21 TTCTTCAGAGACTGCA 5

RESULT 2245  
105021/c 21 bp DNA linear PAT 02-DEC-1994  
LOCUS 105021  
DEFINITION Sequence 3 from Patent EP 0238101.  
ACCESSION 105021  
VERSION 105021.1 GI:591292  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Souza,L.M. and Strabinsky,Y.  
TITLE Microbial expression of interleukin II  
JOURNAL Patent: EP 0238101-A1 3 23-SEP-1987;  
FEATURES  
source 1..21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 999 TTGTTCCAGGACTGCA 1015  
DB 21 TTCTTCAGAGACTGCA 5

RESULT 2246  
126448 21 bp DNA linear PAT 07-OCT-1996  
LOCUS 126448  
DEFINITION Sequence 140 from patent US 5558988.  
ACCESSION 126448  
VERSION 126448.1 GI:1606318  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Prockop,D.J., Ala-Kokko,L. and Ritvanenmi,P.  
TITLE Primers and methods for detecting mutations in the procollagen II gene that indicate a genetic predisposition for osteoarthritis  
JOURNAL Patent: US 5558988-A 140 24-SEP-1996;  
FEATURES  
source 1..21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 197 AGGAGGGGCTGCAAG 213  
DB 5 AGGAGGGGCGACAGCAAG 21

RESULT 2247  
126451/c 21 bp DNA linear PAT 07-OCT-1996  
LOCUS 126451  
DEFINITION Sequence 143 from patent US 5558988.  
ACCESSION 126451  
VERSION 126451.1 GI:1606321  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Prockop,D.J., Ala-Kokko,L. and Ritvanenmi,P.  
TITLE Primers and methods for detecting mutations in the procollagen II gene that indicate a genetic predisposition for osteoarthritis  
JOURNAL Patent: US 5558988-A 143 24-SEP-1996;  
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Location/Qualifiers  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 197 AGGAGGGGCTGCAAG 213  
DB 17 AGGAGGGGCGACAGCAAG 1

RESULT 2248  
128978 21 bp DNA linear PAT 06-FEB-1997  
LOCUS 128978  
DEFINITION Sequence 5 from patent US 5576208.  
ACCESSION 128978  
VERSION 128978.1 GI:1819769  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE Unclassified.  
1 (bases 1 to 21)  
AUTHORS Montia,B.P., Freier,S.M. and Becker,D.J.  
TITLE Antisense oligonucleotide inhibition of the RAS gene  
JOURNAL Patent: US 5576208-A 5 19-NOV-1996;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCCTGACGCCGC 3927  
Db 1 GCCCACCCTGACGCCGC 17

RESULT 2249  
LOCUS 131654 21 bp DNA linear PAT 06-FEB-1997  
DEFINITION Sequence 5 from patent US 5582986.  
ACCESSION 131654  
VERSION 131654.1 GI:1822445  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Montia,B.P., Freier,S.M. and Becker,D.J.  
TITLE Antisense oligonucleotide inhibition of the ras gene  
JOURNAL Patent: US 5582986-A 5 10-DEC-1996;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
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/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCCTGACGCCGC 3927  
Db 1 GCCCACCCTGACGCCGC 17

RESULT 2250  
LOCUS 133064 21 bp DNA linear PAT 06-FEB-1997  
DEFINITION Sequence 24 from patent US 5589582.  
ACCESSION 133064  
VERSION 133064.1 GI:1823855  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Hawley,R.J., Montoy,R.L., Rosa,M.D., Schacter,B.Z. and Ronach,P.D.  
TITLE Polynucleotides en coding porcine cytokines  
JOURNAL Patent: US 5589582-A 24 31-DEC-1996;  
FEATURES Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1517 CAAGTCTTACAGCACA 1533  
Db 21 CAGGTTCTGACGACACA 5

RESULT 2251  
LOCUS AR201423 21 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 5 from patent US 6359124.  
ACCESSION AR201423  
VERSION AR201423.1 GI:20252311  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Becker,D.J., Cook,P.Dan., Montia,B.P., Freier,S.M. and Sanghvi,Y.S.  
TITLE Oligonucleotide  
JOURNAL Patent: US 6359124-A 5 19-MAR-2002;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCCTGACGCCGC 3927  
Db 1 GCCCACCCTGACGCCGC 17

RESULT 2252  
LOCUS AR207379 21 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 4 from patent US 6372890.  
ACCESSION AR207379  
VERSION AR207379.1 GI:21506275  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Koshida,S.  
TITLE Water-soluble polypeptides  
JOURNAL Patent: US 6372890-A 4 16-APR-2002;  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCATCATCATCATCA 2928  
Db 4 CATCATCATCATCATCA 20

RESULT 2253  
LOCUS AR213933 21 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 25 from patent US 6406846.  
ACCESSION AR213933  
VERSION AR213933.1 GI:23311352  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Whitcomb,D., Enright,G.D. and Gorry,M.C.  
TITLE Method for determining whether a human patient is susceptible to hereditary pancreatitis, and primers therefore

JOURNAL Patent: US 6406846-A 25 18-JUN-2002;  
FEATURES  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2615 CCCTGCTTTCACCAT 2631  
DB 5 CCCTGCTTTCACCAT 21

RESULT 2254  
AR231462  
LOCUS AR231462 21 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 8 from patent US 6451997.  
ACCESSION AR231462  
VERSION AR231462.1 GI:27272565  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Morris,S.W. and Look,A.T.  
TITLE Kits for detecting chromosomal rearrangements  
JOURNAL Patent: US 6451997-A 8 17-SEP-2002;  
FEATURES  
source 1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3044 CCACTTCAGGGGAGA 3060  
DB 5 CCACCTTCAGGGGAGA 21

RESULT 2255  
AR296253/c  
LOCUS AR296253 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 7988 from patent US 6537751.  
ACCESSION AR296253  
VERSION AR296253.1 GI:31683537  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL dis-equilibrium map of the human genome  
FEATURES Patent: US 6537751-A 7988 25-MAR-2003;  
source 1. .21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 140 GGGGACTTCAGCTGCC 156  
DB 21 GGGGACTTCATCTGAC 5

RESULT 2256

AR297928  
LOCUS AR297928 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 9663 from patent US 6537751.  
ACCESSION AR297928  
VERSION AR297928.1 GI:31685212  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL dis-equilibrium map of the human genome  
FEATURES Patent: US 6537751-A 9663 25-MAR-2003;  
source 1. .21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 76 GGCATGCTTCTTCACA 92  
DB 1 GTCATGCTTCTTCACA 17

RESULT 2257  
AR298752/c  
LOCUS AR298752 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 10487 from patent US 6537751.  
ACCESSION AR298752  
VERSION AR298752.1 GI:31686036  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL dis-equilibrium map of the human genome  
FEATURES Patent: US 6537751-A 10487 25-MAR-2003;  
source 1. .21  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2794 AGAGTCAGGAGAGAA 2810  
DB 18 AGAGTCAGGAGAGAA 2

RESULT 2258  
AR298972  
LOCUS AR298972 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 10707 from patent US 6537751.  
ACCESSION AR298972  
VERSION AR298972.1 GI:31686256  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL dis-equilibrium map of the human genome  
FEATURES Patent: US 6537751-A 10707 25-MAR-2003;  
Location/Qualifiers

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/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1150 CACTGCTCTGAGAG 1166  
|||||  
5 CACTGCTCTGAGAG 21

RESULT 2259  
LOCUS AR299145 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 10880 from patent US 6537751.  
ACCESSION AR299145  
VERSION AR299145.1 GI:31686429  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 10880 25-MAR-2003;  
FEATURES  
source 1. .21  
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/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2052 GCAACACACTGGGAA 2068  
|||||  
2 GCAACACACTGGGAA 18

RESULT 2260  
LOCUS AR299974 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 11709 from patent US 6537751.  
ACCESSION AR299974  
VERSION AR299974.1 GI:31687258  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
TITLE Biallelic markers for use in constructing a high density  
disequilibrium map of the human genome  
JOURNAL Patent: US 6537751-A 11709 25-MAR-2003;  
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/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2801 GGAAGAGAAATGAG 2817  
|||||  
5 GGAAGAGATTAATGAG 21

RESULT 2261  
AR306776/c

LOCUS AR306776 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 13 from patent US 6548734.  
ACCESSION AR306776  
VERSION AR306776.1 GI:31697101  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Glimcher,L.H. and Ranger,A.M.  
TITLE Methods relating to modulation of cartilage cell growth and/or  
differentiation by modulation of NFATp activity  
JOURNAL Patent: US 6548734-A 13 15-APR-2003;  
FEATURES  
source 1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 764 GTTTACAGAGGAA 780  
|||||  
21 GTTTACAGAGGAGA 5

RESULT 2262  
LOCUS AR407893 21 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 10 from patent US 6630619.  
ACCESSION AR407893  
VERSION AR407893.1 GI:40157861  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS East,P.D.  
TITLE Toxin genes from the bacteria Xenorhabdus nematophilus and  
photorhabdus luminescens  
JOURNAL Patent: US 6630619-A 10 07-OCT-2003;  
FEATURES  
source 1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4685 AAGAGCCTGTCTGTC 4701  
|||||  
21 AAGTACGCTGTCTGCC 5

RESULT 2263  
LOCUS AR410566 21 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 8 from patent US 6635465.  
ACCESSION AR410566  
VERSION AR410566.1 GI:40162026  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Qualfetti,P., Mitchinson,C. and Ropp,T.H.  
TITLE Mutant Egit cellinase, DNA encoding such Egit compositions and  
methods for obtaining same  
JOURNAL Patent: US 6635465-A 8 21-OCT-2003;  
FEATURES  
source 1. .21  
/organism="unknown"  
/mol\_type="genomic DNA"

/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5005 CCAGCTGCTGCTCCAGG 5021  
DB 20 CCAGCTGCTGCTCCAGG 4

RESULT 2264  
AR439725/c AR439725 21 bp DNA linear PAT 20-FEB-2004  
LOCUS Sequence 43 from patent US 6664442.  
DEFINITION AR439725  
ACCESSION AR439725  
VERSION AR439725.1 GI:42665661  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS McConlogue, L.C., Games, K.D., Yednock, T.A., Hua, T., Messersmith, E. and Bard, F.  
TITLE Selecting compounds to reduce inflammation associated with Alzheimer's disease

JOURNAL Patent: US 6664442-A 43 16-DEC-2003;  
FEATURES Location/Qualifiers  
1..21  
source /organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 71 TGCTAGGCCATGCTTCT 87  
DB 19 TTCTGGCCCATGCTTCT 3

RESULT 2265  
AR455445 AR455445 21 bp DNA linear PAT 20-FEB-2004  
LOCUS Sequence 26 from patent US 6685933.  
DEFINITION AR455445  
ACCESSION AR455445  
VERSION AR455445.1 GI:42690061  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Zoon, K.C., Hu, R., Belkisz, J.B. and Hayes, M.P.  
TITLE Interferon .alpha. hybrids

JOURNAL Patent: US 6685933-A 26 03-FEB-2004;  
FEATURES Location/Qualifiers  
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source /organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3889 CGGAATCAACGAGCAG 3905  
DB 2 CTGAACCTCAACGAGCAG 18

RESULT 2266  
AR455446/c AR455446 21 bp DNA linear PAT 20-FEB-2004  
LOCUS

DEFINITION Sequence 27 from patent US 6685933.

AR455446  
AR455446.1 GI:42690062  
VERSION  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Zoon, K.C., Hu, R., Belkisz, J.B. and Hayes, M.P.  
TITLE Interferon .alpha. hybrids  
JOURNAL Patent: US 6685933-A 27 03-FEB-2004;  
FEATURES Location/Qualifiers  
1..21  
source /organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3889 CGGAATCAACGAGCAG 3905  
DB 20 CTGAACCTCAACGAGCAG 4

RESULT 2267  
AR477521 AR477521 21 bp DNA linear PAT 14-MAY-2004  
LOCUS Sequence 8 from patent US 6696548.  
DEFINITION AR477521  
ACCESSION AR477521  
VERSION AR477521.1 GI:47235129  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Morris, S.W. and Look, A.T.  
TITLE Antibodies for recognition of alk protein tyrosine/kinase receptor  
JOURNAL Patent: US 6696548-A 8 24-FEB-2004;  
FEATURES Location/Qualifiers  
1..21  
source /organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3044 CCACTTCAGGGGAGCA 3060  
DB 5 CCACCTCCAGGGGAGCA 21

RESULT 2268  
AR490978/c AR490978 21 bp DNA linear PAT 15-MAY-2004  
LOCUS Sequence 72 from patent US 6713300.  
DEFINITION AR490978  
ACCESSION AR490978  
VERSION AR490978.1 GI:47258511  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Allkmeers, R., Anderson, K.L., Dean, M., Leppert, M., Lewis, R.A., Li, Y., Lupski, J.R., Nathans, J., Rattner, A., Shroyer, N.F., Singh, N., Smallwood, P. and Sun, H.  
TITLE Nucleic acid and amino acid sequences for ATP-binding cassette transporter and methods of screening for agents that modify ATP-binding cassette transporter

JOURNAL Patent: US 6713300-A 72 30-MAR-2004;  
FEATURES Location/Qualifiers  
1..21  
source



/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 1.3e+03; Mismatches 2; Indels 0; Gaps 0;

Qy 5115 GAATAGATGGGTGATGT 5131  
Db 18 GAACAGCTGGGTATGT 2

RESULT 2269

AR492542

LOCUS AR492542 21 bp DNA linear PAT 15-MAY-2004

DEFINITION Sequence 1 from patent US 6716971.

ACCESSION AR492542

VERSION AR492542.1 GI:47262048

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)

AUTHORS Hawkins,M.E., Pfeleiderer,W. and Balis,F.

TITLE Pteridine nucleotide analogs

JOURNAL Patent: US 6716971-A 1 06-APR-2004;

FEATURES Location/Qualifiers

1..21

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 83.3%; Pred. No. 1.3e+03; Mismatches 3; Indels 0; Gaps 0;

Qy 3185 GTGGGAAGTCACCTAGCAG 3202  
Db 3 GTGGNAATCTCTAGCAG 20

RESULT 2270

AR492543

LOCUS AR492543 21 bp DNA linear PAT 15-MAY-2004

DEFINITION Sequence 2 from patent US 6716971.

ACCESSION AR492543

VERSION AR492543.1 GI:47262049

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)

AUTHORS Hawkins,M.E., Pfeleiderer,W. and Balis,F.

TITLE Pteridine nucleotide analogs

JOURNAL Patent: US 6716971-A 2 06-APR-2004;

FEATURES Location/Qualifiers

1..21

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 83.3%; Pred. No. 1.3e+03; Mismatches 3; Indels 0; Gaps 0;

Qy 3185 GTGGGAAGTCACCTAGCAG 3202  
Db 3 GTGGNAATCTCTAGCAG 20

RESULT 2271

AR492546/c

LOCUS AR492546 21 bp DNA linear PAT 15-MAY-2004

DEFINITION Sequence 5 from patent US 6716971.

ACCESSION AR492546

VERSION AR492546.1 GI:47262052

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)

AUTHORS Hawkins,M.E., Pfeleiderer,W. and Balis,F.

TITLE Pteridine nucleotide analogs

JOURNAL Patent: US 6716971-A 5 06-APR-2004;

FEATURES Location/Qualifiers

1..21

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 83.3%; Pred. No. 1.3e+03; Mismatches 3; Indels 0; Gaps 0;

Qy 3185 GTGGGAAGTCACCTAGCAG 3202  
Db 19 GTGGNAATCTCTAGCAG 2

RESULT 2272

AR492552

LOCUS AR492552 21 bp DNA linear PAT 15-MAY-2004

DEFINITION Sequence 11 from patent US 6716971.

ACCESSION AR492552

VERSION AR492552.1 GI:47262058

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)

AUTHORS Hawkins,M.E., Pfeleiderer,W. and Balis,F.

TITLE Pteridine nucleotide analogs

JOURNAL Patent: US 6716971-A 11 06-APR-2004;

FEATURES Location/Qualifiers

1..21

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 83.3%; Pred. No. 1.3e+03; Mismatches 3; Indels 0; Gaps 0;

Qy 3185 GTGGGAAGTCACCTAGCAG 3202  
Db 3 GTGGNAATCTCTAGCAG 20

RESULT 2273

AR492553

LOCUS AR492553 21 bp DNA linear PAT 15-MAY-2004

DEFINITION Sequence 12 from patent US 6716971.

ACCESSION AR492553

VERSION AR492553.1 GI:47262059

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)

AUTHORS Hawkins,M.E., Pfeleiderer,W. and Balis,F.

TITLE Pteridine nucleotide analogs

JOURNAL Patent: US 6716971-A 12 06-APR-2004;

FEATURES Location/Qualifiers

1..21

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 83.3%; Pred. No. 1.3e+03; Mismatches 3; Indels 0; Gaps 0;

QY 3185 GTGGAGTCACTAGCAG 3202  
 DB 3 GTGGAAATCTCTAGCAG 20

RESULT 2274  
 AR492556/c 21 bp DNA linear PAT 15-MAY-2004  
 DEFINITION Sequence 15 from patent US 6716971.  
 ACCESSION AR492556  
 VERSION AR492556.1 GI:47262062  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE  
 1 (bases 1 to 21)  
 AUTHORS Hawking, M.E., Pfeleiderer, W. and Balis, F.  
 TITLE Pteridine nucleoside analogs  
 JOURNAL Patent: US 6716971-A 15 06-APR-2004;  
 FEATURES Location/Qualifiers  
 source 1..21  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 83.3%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3185 GTGGAGTCACTAGCAG 3202  
 DB 19 GTGGAAATCTCTAGCAG 2

RESULT 2275  
 AX094935 21 bp DNA linear PAT 30-MAR-2001  
 LOCUS AX094935  
 DEFINITION Sequence 113 from Patent WO0118250.  
 ACCESSION AX094935  
 VERSION AX094935.1 GI:13511138  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
 1 Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and  
 McCarthy, J.J.  
 TITLE Single nucleotide polymorphisms in genes  
 JOURNAL Patent: WO 0118250-A 113 15-MAR-2001;  
 WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
 Pharmaceuticals, Inc. (US)  
 FEATURES Location/Qualifiers  
 source 1..21  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1514 GGACAACTTCTACAGCCAC 1532  
 DB 2 GGACATGAATYACAGCCAC 20

RESULT 2276  
 AX094956 21 bp DNA linear PAT 30-MAR-2001  
 LOCUS AX094956  
 DEFINITION Sequence 134 from Patent WO0118250.  
 ACCESSION AX094956  
 VERSION AX094956.1 GI:13511159

KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
 1 Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and  
 McCarthy, J.J.  
 TITLE Single nucleotide polymorphisms in genes  
 JOURNAL Patent: WO 0118250-A 134 15-MAR-2001;  
 WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
 Pharmaceuticals, Inc. (US)  
 FEATURES Location/Qualifiers  
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 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 4372 GAAGAAAGCACTGCAGCG 4390  
 DB 3 GAAGAAAGTATTCATCG 21

RESULT 2277  
 AX095123/c 21 bp DNA linear PAT 30-MAR-2001  
 LOCUS AX095123  
 DEFINITION Sequence 301 from Patent WO0118250.  
 ACCESSION AX095123  
 VERSION AX095123.1 GI:13511326  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
 1 Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and  
 McCarthy, J.J.  
 TITLE Single nucleotide polymorphisms in genes  
 JOURNAL Patent: WO 0118250-A 301 15-MAR-2001;  
 WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
 Pharmaceuticals, Inc. (US)  
 FEATURES Location/Qualifiers  
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 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3775 CATCTCTGCGGAGGCGAG 3793  
 DB 21 CATCTCTGCTGCGGCGTG 3

RESULT 2278  
 AX095515 21 bp DNA linear PAT 30-MAR-2001  
 LOCUS AX095515  
 DEFINITION Sequence 693 from Patent WO0118250.  
 ACCESSION AX095515  
 VERSION AX095515.1 GI:13511718  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
 1 Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and

TITLE Mccarthy,J.J.  
JOURNAL Single nucleotide polymorphisms in genes  
Patent: WO 0118250-A 693 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)

FEATURES  
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1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1841 TGACATTAGCTGATCGGC 1859  
Db 2 TGACATCTAYGTGCTAGGC 20

RESULT 2279  
AX095833 21 bp DNA linear PAT 30-MAR-2001  
LOCUS  
DEFINITION Sequence 1011 from Patent WO0118250.  
ACCESSION AX095833  
VERSION AX095833.1 GI:13512060  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 1011 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)

FEATURES  
source  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1542 CTCGAGCTCATTAAGTCAC 1560  
Db 3 CTCGAGCTCATTAAGTCAC 21

RESULT 2280  
AX095982 21 bp DNA linear PAT 30-MAR-2001  
LOCUS  
DEFINITION Sequence 1160 from Patent WO0118250.  
ACCESSION AX095982  
VERSION AX095982.1 GI:13512209  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 1160 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)

FEATURES  
source  
1. .21  
Location/Qualifiers

/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2420 AATCAGCTTTGGCCCAAC 2438  
Db 3 AAGCAGCTGTGCCACATCC 21

RESULT 2281  
AX096187 21 bp DNA linear PAT 30-MAR-2001  
LOCUS  
DEFINITION Sequence 1365 from Patent WO0118250.  
ACCESSION AX096187  
VERSION AX096187.1 GI:13512414  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 1365 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)

FEATURES  
source  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3946 AGAGCCGCGCGTGTGCA 3964  
Db 3 ACAGCCACRCGCTGTGCA 21

RESULT 2282  
AX096348 21 bp DNA linear PAT 30-MAR-2001  
LOCUS  
DEFINITION Sequence 1526 from Patent WO0118250.  
ACCESSION AX096348  
VERSION AX096348.1 GI:13512575  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 1526 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)

FEATURES  
source  
1. .21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1532 CAAGAAATCTGCTGCTC 1550  
Db 2 CAAGAAATCTGCTGCTC 20

RESULT 2283  
LOCUS AX096680 21 bp DNA linear PAT 30-MAR-2001  
DEFINITION Sequence 1858 from Patent WO0118250.  
ACCESSION AX096680  
VERSION AX096680.1 GI:13512934  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 1858 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1970 CATCCGATCTGCTGCTG 1988  
Db 21 CATCAGATCTGCTGCTG 3

RESULT 2284  
LOCUS AX096967 21 bp DNA linear PAT 30-MAR-2001  
DEFINITION Sequence 2145 from Patent WO0118250.  
ACCESSION AX096967  
VERSION AX096967.1 GI:13513235  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and  
McCarthy,J.J.  
TITLE Single nucleotide polymorphisms in genes  
JOURNAL Patent: WO 0118250-A 2145 15-MAR-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium  
Pharmaceuticals, Inc. (US)  
FEATURES  
source Location/Qualifiers  
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/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 4256 AGCACAAGTGTGAGGCT 4274  
Db 2 AGCACAAGTGTGAGGCT 20

RESULT 2285

AX104472/c  
LOCUS AX104472 21 bp DNA linear PAT 30-APR-2001  
DEFINITION Sequence 664 from Patent WO0122972.  
ACCESSION AX104472  
VERSION AX104472.1 GI:13920669  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE  
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.  
TITLE Immunostimulatory nucleic acids  
JOURNAL Patent: WO 0122972-A 664 05-APR-2001;  
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical  
GmbH (DE)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3282 ATGCCCTGCACGTGNA 3298  
Db 21 ATGCCCTGCACGTGNA 5

RESULT 2286  
LOCUS AX148012 21 bp DNA linear PAT 31-AUG-2001  
DEFINITION Sequence 12 from Patent WO0134848.  
ACCESSION AX148012  
VERSION AX148012.1 GI:14346983  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE  
AUTHORS Brown,B.A., Kilpatrick,D.R., Pallansch,M.A. and Oberste,M.S.  
TITLE Serotype-specific identification of enterovirus 71 by rt-pcr  
JOURNAL Patent: WO 0134848-A 12 17-MAY-2001;  
Secretary of the Department of Health and Human Services (US)  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2777 CTTGAGAGTTTGTC 2793  
Db 19 CTTGAGAGTTTGTC 3

RESULT 2287  
LOCUS AX154219 21 bp DNA linear PAT 22-JUN-2001  
DEFINITION Sequence 317 from Patent WO0138576.  
ACCESSION AX154219  
VERSION AX154219.1 GI:14535833  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
AUTHORS Gargill,M., Ireland,J.S. and Lander,E.S.

TITLE Human single nucleotide polymorphisms  
JOURNAL Patent: WO 0138576-A 317 31-MAY-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 2621 CTTGCCACATTGAGCA 2639  
Db 21 CTTTCCACATTGATGCA 3

RESULT 2288  
AX154426 21 bp DNA linear PAT 22-JUN-2001  
LOCUS AX154426  
DEFINITION Sequence 524 from Patent WO0138576.  
ACCESSION AX154426  
VERSION AX154426.1 GI:14536040  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE 1  
AUTHORS Gargiil, M., Ireland, J.S. and Lander, E.S.  
TITLE Human single nucleotide polymorphisms  
JOURNAL Patent: WO 0138576-A 524 31-MAY-2001;  
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 1838 CCATGACATTACTGATC 1856  
Db 3 CAATGTCATGACGTCATC 21

RESULT 2289  
AX232225 21 bp DNA linear PAT 11-SEP-2001  
LOCUS AX232225  
DEFINITION Sequence 7 from Patent WO0162284.  
ACCESSION AX232225  
VERSION AX232225.1 GI:15592555  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Birk, P.M., Jensen, M.R. and Nielsen, K.G.  
TITLE Novel method for down-regulation of amyloid  
JOURNAL Patent: WO 0162284-A 7 30-AUG-2001;  
M & E Biotech A/S (DK)  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic construct"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 327 CAGCTCAGTTCTCTTC 343  
Db 1 CAATCAGCTTCTCTTC 17

RESULT 2290  
AX268962/c 21 bp DNA linear PAT 29-OCT-2001  
LOCUS AX268962/c  
DEFINITION Sequence 43 from Patent WO0175165.  
ACCESSION AX268962  
VERSION AX268962.1 GI:16541981  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS McConlogue, L.C., Games, K.D., Yednock, T.A., Hua, T., Messersmith, E.  
and Bard, P.  
TITLE Screening markers and methods for neurodegenerative disorders  
JOURNAL Patent: WO 0175165-A 43 11-OCT-2001;  
Elian Pharmaceuticals, Inc. (US)  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="forward primer #2-294F"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 71 TGCTAGGCCATGCTTCT 87  
Db 19 TTCTGGGCCATGCTTCT 3

RESULT 2291  
AX297605 21 bp DNA linear PAT 21-NOV-2001  
LOCUS AX297605  
DEFINITION Sequence 9367 from Patent WO0179548.  
ACCESSION AX297605  
VERSION AX297605.1 GI:17059296  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.  
TITLE Method of designing addressable array for detection of nucleic acid  
JOURNAL sequence differences using 1ligase detection reaction  
Patent: WO 0179548-A 9367 25-OCT-2001;  
CORNELL RESEARCH FOUNDATION, INC. (US)  
FEATURES Location/Qualifiers  
SOURCE 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 882 GAGCTGCCCCCAAGAA 898  
Db 5 GCGCTGCCCCCAAAAA 21

RESULT 2292  
AX355239/c

LOCUS AX355239 21 bp DNA linear PAT 06-FEB-2002  
DEFINITION Sequence 267 from Patent WO0197843.  
ACCESSION AX355239  
VERSION AX355239.1 GI:18619906  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE  
1 Weiner,G. and Hartmann,G.  
AUTHORS Methods for enhancing antibody-induced cell lysis and treating  
TITLE  
JOURNAL  
Patent: WO 0197843-A 267 27-DEC-2001;  
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)  
FEATURES  
source  
1. 21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic oligonucleotide-phosphodiester backbone"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3282 ATGCCCTGCACGTGAA 3298  
|||||  
21 ATGCCCTCAACGTGAA 5

RESULT 2293  
AX378664/c 21 bp DNA linear PAT 18-MAR-2002  
LOCUS AX378664  
DEFINITION Sequence 453 from Patent WO0206525.  
ACCESSION AX378664  
VERSION AX378664.1 GI:19574517  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE  
1 Cohen,D., Blumenfeld,M., Chumakov,I., Abderrahim,H. and Bihain,B.  
AUTHORS Obesity associated biallelic marker maps  
TITLE Patent: WO 0206525-A 453 24-JAN-2002;  
JOURNAL GENSET (FR)  
FEATURES  
source  
1. 21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="downstream amplification primer 99-36203 for SEQ  
111, in complement"

primer\_bind  
1. 21  
/note="downstream amplification primer 99-36203 for SEQ  
111, in complement"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2785 GTTTGTCAAGAGTCAG 2801  
|||||  
18 GTTTGTCAAAATCAG 2

Db

RESULT 2294  
AX440536/c 21 bp DNA linear PAT 28-JUN-2002  
LOCUS AX440536  
DEFINITION Sequence 40 from Patent WO0206529.  
ACCESSION AX440536  
VERSION AX440536.1 GI:21665339  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct

REFERENCE  
1 artificial sequences.  
AUTHORS Germino,G.G., Warnick,T.J. and Phakdeekitcharoen,B.  
TITLE Detection and treatment of polycystic kidney disease  
JOURNAL Patent: WO 0206529-A 40 24-JAN-2002;  
The Johns Hopkins University School of Medicine (US)  
FEATURES  
source  
1. 21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer 8R"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2505 TACAACCTGCTTCCTG 2521  
|||||  
18 TACAACCTGCTTCCTG 2

Db

RESULT 2295  
AX463183 21 bp DNA linear PAT 15-JUL-2002  
LOCUS AX463183  
DEFINITION Sequence 5 from Patent EP1217080.  
ACCESSION AX463183  
VERSION AX463183.1 GI:21886155  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE  
1 Durham,L.K., Lira,M.E. and Milos,P.M.  
AUTHORS Methods, compositions and kits relating to cardiovascular disease  
TITLE Patent: EP 1217080-A 5 26-JUN-2002;  
JOURNAL Pfizer Products Inc. (US)  
FEATURES  
source  
1. 21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4789 GTTCTTGGTTGGAAG 4805  
|||||  
1 GTTCTTGGTGAAG 17

Db

RESULT 2296  
AX463184 21 bp DNA linear PAT 15-JUL-2002  
LOCUS AX463184  
DEFINITION Sequence 6 from Patent EP1217080.  
ACCESSION AX463184  
VERSION AX463184.1 GI:21886156  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE  
1 Durham,L.K., Lira,M.E. and Milos,P.M.  
AUTHORS Methods, compositions and kits relating to cardiovascular disease  
TITLE Patent: EP 1217080-A 6 26-JUN-2002;  
JOURNAL Pfizer Products Inc. (US)  
FEATURES  
source  
1. 21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 1.3e+03; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2;

QY 4789 GTTCTTGTGGAAGG 4805

Db 1 GTTCTTGTGGAAGG 17

## RESULT 2297

AX464857/c

LOCUS AX464857 21 bp DNA linear PAT 16-JUL-2002

DEFINITION Sequence 8 from Patent WO0212463.

ACCESSION AX464857

VERSION AX464857.1 GI:21899557

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="primer"

Query Match

Best Local Similarity

Matches

QY

Db

5005 CCAGCTGCTGCCAGG 5021

20 CCAGCTGCTGCCAGG 4

## RESULT 2298

AX477271/c

LOCUS AX477271 21 bp DNA linear PAT 12-AUG-2002

DEFINITION Sequence 362 from Patent WO0220848.

ACCESSION AX477271

VERSION AX477271.1 GI:22216524

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Synthetic Primer"

Query Match

Best Local Similarity

Matches

QY

Db

2442 CGTTTGAGAGACTGAC 2458

21 CGTTTGAGAGACTGAC 5

## RESULT 2299

AX526647/c

LOCUS AX526647 21 bp DNA linear PAT 21-NOV-2002

DEFINITION Sequence 362 from Patent WO0220847.

ACCESSION AX526647

VERSION AX526647.1 GI:25171454

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Synthetic Primer"

Query Match

Best Local Similarity

Matches

QY

Db

2442 CGTTTGAGAGACTGAC 2458

21 CGTTTGAGAGACTGAC 5

## RESULT 2300

AX539224/c

LOCUS AX539224 21 bp DNA linear PAT 23-NOV-2002

DEFINITION Sequence 11 from Patent WO02059142.

ACCESSION AX539224

VERSION AX539224.1 GI:25272422

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

Query Match

Best Local Similarity

Matches

QY

Db

4804 GGAGCGAATACGCT 4820

17 GGAGCGAATACGCT 1

## RESULT 2301

AX539376

LOCUS AX539376 21 bp DNA linear PAT 23-NOV-2002

DEFINITION Sequence 163 from Patent WO02059142.

ACCESSION AX539376

VERSION AX539376.1 GI:25272739

KEYWORDS

SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Brinkmann U., Hoffmeyer S. and Mornhinweg E.  
TITLE Polymorphisms in the human gene for the multidrug resistance-associated protein 1 (mrp-1) and their use in diagnostic and therapeutic applications  
JOURNAL Patent: WO 02059142-A 163 01-AUG-2002;  
Epidaurus Biotechnology AG (DE)  
FEATURES  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="k=g or t"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 728 CATGAGTCTTCCACCAAG 746  
Db 3 CATGAGCTKCTCTTCAAG 21

RESULT 2302  
AX539377/c 21 bp DNA linear PAT 23-NOV-2002  
LOCUS Sequence 164 from Patent WO02059142.  
DEFINITION AX539377  
ACCESSION AX539377.1 GI:25272741  
VERSION  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Brinkmann U., Hoffmeyer S. and Mornhinweg E.  
TITLE Polymorphisms in the human gene for the multidrug resistance-associated protein 1 (mrp-1) and their use in diagnostic and therapeutic applications  
JOURNAL Patent: WO 02059142-A 164 01-AUG-2002;  
Epidaurus Biotechnology AG (DE)  
FEATURES  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="m=a or c"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 728 CATGAGTCTTCCACCAAG 746  
Db 19 CATGAGCTKCTCTTCAAG 1

RESULT 2303  
AX547525/c 21 bp DNA linear PAT 01-MAR-2003  
LOCUS Sequence 664 from Patent WO02053141.  
DEFINITION AX547525  
ACCESSION AX547525  
VERSION AX547525.1 GI:25812669  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bratzler R.L.  
TITLE Inhibition of angiogenesis by nucleic acids  
JOURNAL Patent: WO 02053141-A 664 11-JUL-2002;

FEATURES Coley Pharmaceutical Group, Inc. (US)  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Sequence"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3282 ATGCCCTGCACGTGAA 3298  
Db 21 ATGCCCTGCACGTGAA 5

RESULT 2304  
AX613465 21 bp DNA linear PAT 17-FEB-2003  
LOCUS Sequence 4490 from Patent WO02072882.  
DEFINITION AX613465  
ACCESSION AX613465  
VERSION AX613465.1 GI:28408894  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.  
REFERENCE 1  
AUTHORS Cullen P. and Seedorf U.  
TITLE Coronary chip  
JOURNAL Patent: WO 02072882-A 4490 19-SEP-2002;  
OGHAM GmbH (DE)  
FEATURES  
source 1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4375 GAAGGAAGTGCAGGCGC 4391  
Db 2 GAAGGAAGTGCAGGCGC 18

RESULT 2305  
AX645135/c 21 bp DNA linear PAT 27-FEB-2003  
LOCUS Sequence 163 from Patent WO02066643.  
DEFINITION AX645135  
ACCESSION AX645135  
VERSION AX645135.1 GI:28610955  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Malyankar U.M., Shenoy S.G., Spytek K.A., Zernhusen B.D.,  
Patturajan M., Guo X., Kekuda R., Gangolli E.A., Shimketa R.A.,  
Taupier R.J., Li L. and Padigaru M.  
TITLE Proteins, polynucleotides encoding them and methods of using the  
JOURNAL Patent: WO 02066643-A 163 29-AUG-2002;  
Curegen Corporation (US)  
FEATURES  
source 1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR Primer Sequence"



Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2055 AACACACTGGGGAACAA 2071  
17 AACACCTGGGGAACAA 1

Db 17 AACACCTGGGGAACAA 1

RESULT 2306  
AX663304/c 21 bp DNA linear PAT 22-MAR-2003  
LOCUS AX663304  
DEFINITION Sequence 11 from Patent WO02061086.  
ACCESSION AX663304  
VERSION AX663304.1 GI:29163665  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Feder, J., Ramanathan, C. and Mintier, G.  
TITLE Human leucine-rich repeat containing protein, expressed  
predominantly in small intestine, HLRS11  
JOURNAL Patent: WO 02061086-A 11 08-AUG-2002;  
Bristol-Myers Squibb Company (US)

FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1954 TCCACAGCTCTGGAC 1970  
21 TCCACAGCTCTGAAAC 5

Db 21 TCCACAGCTCTGAAAC 5

RESULT 2307  
AX706510 21 bp DNA linear PAT 04-APR-2003  
LOCUS AX706510  
DEFINITION Sequence 207 from Patent WO03013534.  
ACCESSION AX706510  
VERSION AX706510.1 GI:29562933  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Heinrich, G. and Kerb, R.  
TITLE Methods for the treatment of cancer with irinotecan based on CYP3A5  
JOURNAL Patent: WO 03013534-A 207 20-FEB-2003;  
Epidaurus Biotechnologie AG (DE)

FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

misc\_feature  
11  
/note="k=g or t"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 728 CATGAGTTCTTCACCAAG 746  
3 CATGAGCTKCTTCTCAAG 21

Db 3 CATGAGCTKCTTCTCAAG 21

RESULT 2308  
AX706511/c 21 bp DNA linear PAT 04-APR-2003  
LOCUS AX706511  
DEFINITION Sequence 208 from Patent WO03013534.  
ACCESSION AX706511  
VERSION AX706511.1 GI:29562934  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Heinrich, G. and Kerb, R.  
TITLE Methods for the treatment of cancer with irinotecan based on CYP3A5  
JOURNAL Patent: WO 03013534-A 208 20-FEB-2003;  
Epidaurus Biotechnologie AG (DE)

FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

misc\_feature  
11  
/note="m=a or c"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 728 CATGAGTTCTTCACCAAG 746  
19 CATGAGCTKCTTCTCAAG 1

Db 19 CATGAGCTKCTTCTCAAG 1

RESULT 2309  
AX707440 21 bp DNA linear PAT 04-APR-2003  
LOCUS AX707440  
DEFINITION Sequence 207 from Patent WO03013536.  
ACCESSION AX707440  
VERSION AX707440.1 GI:29563613  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1  
AUTHORS Heinrich, G. and Kerb, R.  
TITLE Methods for treatment of cancer using irinotecan based on UGT1A1  
JOURNAL Patent: WO 03013536-A 207 20-FEB-2003;  
Epidaurus Biotechnologie AG (DE)

FEATURES  
source Location/Qualifiers  
1..21  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

misc\_feature  
11  
/note="k=g or t"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 78.9%; Pred. No. 1.3e+03;  
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 728 CATGAGTTCTTCACCAAG 746  
3 CATGAGCTKCTTCTCAAG 21

Db 3 CATGAGCTKCTTCTCAAG 21

RESULT 2310  
AX707441/c 21 bp DNA linear PAT 04-APR-2003  
LOCUS AX707441  
DEFINITION Sequence 208 from Patent WO03013536.  
ACCESSION AX707441  
VERSION AX707441.1 GI:29563614

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KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS     Heinich, G. and Kerb, R.
TITLE       Methods for treatment of cancer using irinotecan based on UGT1A1
JOURNAL     Patent: WO 0303536-A 208 20-FEB-2003;
            Epidauros Biotechnology AG (DE)
FEATURES
source      1. 21
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"
            11
            /note="ma or c"

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 76.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      728 CATGAGCTCTTCACCAAG 746
        |||||:|||||
        19 CATGAGCTKCTCTTCAG 1

RESULT 2311
AX720396      21 bp      DNA      linear      PAT 15-APR-2003
LOCUS
DEFINITION    Sequence 7 from Patent WO03015812.
ACCESSION    AX720396
VERSION      AX720396.1 GI:29892216
KEYWORDS
SOURCE      synthetic construct
ORGANISM     synthetic construct
REFERENCE
AUTHORS      Rasmussen, P.B., Jensen, M.R., Nielsen, K.G., Koefoed, P. and
            Degan, F.D.
TITLE       Beta-amyloid-analogue - T-cell epitop vaccine
JOURNAL     Patent: WO 03015812-A 7 27-FEB-2003;
            Pharmexa A/S (DK)
FEATURES
source      1. 21
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Synthetic PCR primer"

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      327 CAGCTCAGTTCTCTTC 343
        |||||:|||||
        1 CAACTCAGCTTCTCTTC 17

RESULT 2312
AX781616      21 bp      DNA      linear      PAT 17-JUL-2003
LOCUS
DEFINITION    Sequence 3 from Patent EP1321531.
ACCESSION    AX781616
VERSION      AX781616.1 GI:32949452
KEYWORDS
SOURCE      synthetic construct
ORGANISM     synthetic construct
REFERENCE
AUTHORS      Lee, Y.S., Kim, M.K. and Lee, J.N.
TITLE       Multiplex PCR primer set for human hnf-1alpha gene amplification
JOURNAL     Patent: EP 1321531-A 3 25-JUN-2003;

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FEATURES
source      1. 21
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="forward primer for amplifying promoter of MODY3
            gene"

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3769 CGTGCTCATCTCTGCC 3785
        |||||:|||||
        5 CGTGAGCATCTCTGCC 21

RESULT 2313
AX781636      21 bp      DNA      linear      PAT 17-JUL-2003
LOCUS
DEFINITION    Sequence 23 from Patent EP1321531.
ACCESSION    AX781636
VERSION      AX781636.1 GI:32949472
KEYWORDS
SOURCE      synthetic construct
ORGANISM     synthetic construct
REFERENCE
AUTHORS      Lee, Y.S., Kim, M.K. and Lee, J.N.
TITLE       Multiplex PCR primer set for human hnf-1alpha gene amplification
JOURNAL     Patent: EP 1321531-A 23 25-JUN-2003;
            SAMSUNG ELECTRONICS CO. Ltd. (KR)
FEATURES
source      1. 21
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="modified forward primer for amplifying promoter of
            MODY3 gene"

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3769 CGTGCTCATCTCTGCC 3785
        |||||:|||||
        2 CGTGAGCATCTCTGCC 18

RESULT 2314
AX800309/c      21 bp      DNA      linear      PAT 13-OCT-2003
LOCUS
DEFINITION    Sequence 71 from Patent WO03055995.
ACCESSION    AX800309
VERSION      AX800309.1 GI:37653546
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM     Homo sapiens
REFERENCE
AUTHORS      Men, X.Y., Stewart, A.K., Tsui, L.C. and Hegde, R.A.
TITLE       Lipase genes and proteins
JOURNAL     Patent: WO 03055995-A 71 10-JUL-2003;
            Wen, Xiao-Yan (CA); Stewart, A., Keith (CA); Tsui, Lap-Chee (CN);
            Hegde, Robert, A. (CA)
FEATURES
source      1. 21
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

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Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1781 CTGCTTCTCTCCAGG 1797  
 |||||  
 DB 17 CTGCTTCTCTCCAGG 1

## RESULT 2315

BD006238

LOCUS

21 bp DNA linear PAT 31-JAN-2002

DEFINITION Antisense inhibition of ras gene with chimeric and alternating

oligonucleotides.

ACCESSION BD006238.1 GI:18634609

VERSION JP 2001500530-A/5.

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 21)

AUTHORS Ecker,D.J., Cook,P.D., Monia,B.P., Freiler,S.M. and Sang,Y.S.

TITLE Antisense inhibition of ras gene with chimeric and alternating

oligonucleotides

JOURNAL Patent: JP 2001500530-A 5 16-JAN-2001;

COMMENT ISIS PHARMACEUTICALS INC

OS Artificial Sequence

PN JP 2001500530-A/5

PD 16-JAN-2001

PF 30-APR-1998 JP 1998547418

PR 30-APR-1997 US 08/848840

PI DAVID J ECKER, PHILIP DAN COOK, BRETT P MONIA, SUSAN M FREIER, PI

YOGESH S SANGHVI

PC C1201/68,C12P19/34,C07H19/16,C07H19/167,C07H19/173,C07H19/067,

PC C07H19/06,C07H21/04,A61K48/00

CC Key Location/Qualifiers

FH source 1..21

FT Location/Qualifiers

FEATURES

1..21

/organism="synthetic construct"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCAGCCGACGCCGC 3927  
 |||||  
 DB 1 GCCCAGCCGACGCCGC 17

## RESULT 2316

BD023736

LOCUS

21 bp DNA linear PAT 27-AUG-2002

DEFINITION Beta-galactosidase having reversibly inactive lactase activity.

ACCESSION BD023736.1 GI:22564959

VERSION JP 2001506136-A/2.

KEYWORDS Eremothecium goesypii (Ashbya goesypii)

SOURCE Eremothecium goesypii

ORGANISM Eremothecium goesypii

REFERENCE 1 (bases 1 to 21)

AUTHORS Karakas,C.N., Turner,J.D., Bino,M., Kabel,J.J. and Amantea,G.F.

TITLE Beta-galactosidase having reversibly inactive lactase activity

JOURNAL Patent: JP 2001506136-A 2 15-MAY-2001;

COMMENT NEXIA BIOTECHNOLOGIES INC

PN JP 2001506136-A/2

15-MAY-2001

PF 29-DEC-1997 JP 1998529775  
 PR 31-DEC-1996 US 08/775842  
 PI COSTAS N KARATZAS,JEFFREY D TURNER,MAHMOUD EINO,JOHN J KABEL,

PI GERALD P AMANTEA  
 PC C12N15/09,A01K67/027,C12N1/19,C12N9/38//C12N1/19,C12R1:685),  
 PC C12N9/38,C12R1:685),C12N15/00  
 CC Strandedness: Single;  
 CC Topology: Linear;  
 CC Key

FEATURES

source

1..21

/organism="Eremothecium goesypii"

/mol\_type="genomic DNA"

/db\_xref="taxon:33169"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2135 GACTTCAGGAGTGAA 2151  
 |||||  
 DB 5 GACTTCAGGAGTGAG 21

## RESULT 2317

BD056646

LOCUS

21 bp DNA linear PAT 27-AUG-2002

DEFINITION Method to diagnose and treat pathological conditions resulting from

deficient ion transport.

ACCESSION BD056646.1 GI:22602252

VERSION JP 2001508291-A/103.

KEYWORDS synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 21)

AUTHORS Lifton,R.P. and Simon,D.B.

TITLE Method to diagnose and treat pathological conditions resulting from

deficient ion transport

JOURNAL Patent: JP 2001508291-A 103 26-JUN-2001;

COMMENT YALE UNIVERSITY

OS Artificial Sequence

PN JP 2001508291-A/103

PD 26-JUN-2001

PF 19-DEC-1997 JP 1998530123

PR 31-DEC-1996 US 08/778052

PI RICHARD P LIFTON,DAVID B SIMON

PC C12N15/09,C07K14/435,C07K16/00,C12N1/15,C12N1/19,C12N1/21,PC

C12N5/10,PC C12P21/02,C12Q1/68,G01N33/53,C12N15/00,C12N5/00 CC Primer

for analysis of human NKCC2 gene

FH Key Location/Qualifiers

1..21

/organism="synthetic construct"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3438 CCTTCAACGCAACCG 3454  
 |||||  
 DB 2 CCTTCAACGCAACAG 18

## RESULT 2318

BD073132

LOCUS

21 bp DNA linear PAT 27-AUG-2002

DEFINITION Antisense oligonucleotide inhibition of RAS.

ACCESSION BD073132

VERSION BD073132.1 GI:22618735

KEYWORDS JP 2001509394-A/5.  
SOURCE unidentified  
ORGANISM unclassified.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Monia,B.P., Cowcert,L.M. and Manoharan,M.  
TITLE Antisense oligonucleotide inhibition of RAS  
JOURNAL Patent: JP 2001509394-A 5 24-JUL-2001;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Unidentified  
PN JP 2001509394-A/5  
PD 24-JUL-2001  
PF 06-JUL-1998 JP 2000502223  
PR 08-JUL-1997 US 06/889296  
PI BRETT P MONIA,LEX M COWCERT,MUSIA MANOHARAN  
PC C12N15/09,A61K31/7088,A61K48/00,A61P35/00,C12N15/00 CC  
Strandness: Single;  
CC Topology: Linear;  
CC Antisense oligonucleotide inhibition of RAS  
FH Key Location/Qualifiers  
FT source 1..21  
FEATURES  
source Location/Qualifiers  
1..21  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCACGACGCCGC 3927  
DB 1 GCCCACCACGACGCCGC 17

RESULT 2319  
BD141672/c  
LOCUS BD141672 21 bp DNA linear PAT 18-SEP-2002  
DEFINITION Transgenic animal.  
ACCESSION BD141672.1 GI:23236617  
VERSION WO 0211530-A/6.  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Yoshimura,K., Nishimura,A., Nishida,M. and Hosono,K.  
TITLE Transgenic animal  
JOURNAL Patent: WO 0211530-A 6 14-FEB-2002;  
TAKEDA CHEMICAL INDUSTRIES LTD,KOJI YOSHIMURA,ATSUSHI NISHIMURA,  
MAYUMI NISHIDA,KAZUHIRO HOSONO  
OS Artificial Sequence  
PN WO 0211530-A/6  
PD 14-FEB-2002  
PF 08-AUG-2001 WO 2001JP06826  
PR 09-AUG-2000 JP 00P 241748  
PI KOJI YOSHIMURA,ATSUSHI NISHIMURA,MAYUMI NISHIDA,KAZUHIRO PI  
HOSONO  
PC A01K67/027,A61K45/00,A61P19/00,A61P19/10,A61P19/02,A61P29/00,  
PC A61P27/02,  
PC A61P35/00,C12N5/16,C12N5/18,C12N15/09,G01N33/15,G01N33/50 CC  
Primer  
FH Key Location/Qualifiers  
FT source 1..21  
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1..21  
Location/Qualifiers  
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/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

FEATURES  
source Location/Qualifiers  
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1..21  
Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 811 CTGTGCGCGTGGAGAA 827  
DB 17 CTGTGCGCGTGGAGAA 1

RESULT 2320  
BD141889/c  
LOCUS BD141889 21 bp DNA linear PAT 18-SEP-2002  
DEFINITION Polypeptide having phospholipase A2 activity.  
ACCESSION BD141889  
VERSION BD141889.1 GI:23236634  
KEYWORDS WO 0224923-A/29.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Miyaji,H., Haruoka,M., Nagata,H., Ota,T., Kawabata,A., Sugano,S.  
TITLE and Nakamura,Y.  
JOURNAL Polypeptide having phospholipase A2 activity  
PATENT: WO 0224923-A 29 28-MAR-2002;  
KYOWA HAKKO KOGYO CO LTD,HIROMASA MIYAJI,MOTOKO HARUOKA,HIROYUKI  
NAGATA,TOSHIO OTA,AYAKO KAWABATA,SUMIO SUGANO,YUSUKE NAKAMURA  
OS Artificial Sequence  
PN WO 0224923-A/29  
PD 28-MAR-2002  
PF 19-SEP-2001 WO 2001JP008138  
PR 19-SEP-2000 JP 00P 284044.16-MAY-2001 JP 01P 146466 PI  
HIROMASA MIYAJI,MOTOKO HARUOKA,HIROYUKI NAGATA,TOSHIO OTA, PI  
AYAKO KAWABATA,  
PI SUMIO SUGANO,YUSUKE NAKAMURA  
PC C12N15/55,C12N9/16,C12N5/10,C12N1/21,C12O1/68,C07K16/40,G01N33/ PC  
573,  
PC G01N33/50,G01N33/15,A61K38/46,A61K31/711,A61K39/395,A61P11/06,  
PC A61P9/10,  
PC A61P19/02,A61P39/00,A61P7/00,A61P17/00,A61P25/16,A61P5/38, PC  
A61P25/28,  
PC A61P35/60,A61P13/12  
CC Description of Artificial Sequence: Synthetic DNA FH Key  
Location/Qualifiers  
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/organism="Artificial Sequence".  
1..21  
Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

FEATURES  
source Location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1150 CACTGCTGCAAGAG 1166  
DB 21 CACTTCTGCAAGAG 5

RESULT 2321  
E02121/c  
LOCUS E02121 24 bp DNA linear PAT 29-SEP-1997  
DEFINITION Primer DNA originated from plamid pUC19.  
ACCESSION E02121  
VERSION E02121.1 GI:2170363  
KEYWORDS JP 1989277490-A/1.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Nakanishi,S.

TITLE PRIMER DNA  
JOURNAL Patent: JP 1989277490-A 1 07-NOV-1989;  
MITSUBISHI KASEI CORP  
COMMENT OS Artificial gene  
OC Artificial sequence; Genes.  
PN JP 1989277490-A/1  
PD 07-NOV-1989  
PF 28-APR-1988 JP 1988106155  
PI NAKANISHI SHIGETADA  
PC C12N15/00;  
CC strandedness: Double;  
CC topology: Linear;  
CC hypothetical: No;  
CC anti-sense: No;  
FEATURES  
source location/Qualifiers  
1..24  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 13.8; DB 1; Length 24;  
Best Local Similarity 88.2%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3785 CGAGGCGAGCGCGCG 3801  
Db 22 CGAGGCCATGGCGCGCG 6

RESULT 2322  
LOCUS AX500916 25 bp DNA linear PAT 27-SEP-2002  
DEFINITION Sequence 2223 from Patent EP1229046.  
ACCESSION AX500916  
VERSION AX500916.1 GI:23383209  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1 Zhan, J.  
AUTHORS Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 2223 07-AUG-2002;  
Aeomica, Inc. (US)  
FEATURES  
source location/Qualifiers  
1..25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.8; DB 1; Length 25;  
Best Local Similarity 72.0%; Pred. No. 1.6e+03;  
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 1224 GACCAGAGCTCTCCCGGCTCC 1248  
Db 1 GCGACGACGACCCCGGACCC 25

RESULT 2323  
LOCUS 188894 20 bp DNA linear PAT 10-AUG-1998  
DEFINITION Sequence 12 from patent US 5719125.  
ACCESSION 188894  
VERSION 188894.1 GI:3408834  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Suzuki, F., Hiraki, Y., Takahashi, K., Suzuki, J., Kondo, J., Kohara, A.,  
Mori, A. and Yamada, E.

TITLE Human chondromodulin-1 protein  
JOURNAL Patent: US 5719125-A 12 17-FEB-1998;  
FEATURES  
source location/Qualifiers  
1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4040 GGGGCCACGAGGCTCTAG 4059  
Db 1 GCGGCCCATGGCTCTGAG 20

RESULT 2324  
LOCUS AR295229 21 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 6964 from patent US 6537751.  
ACCESSION AR295229  
VERSION AR295229.1 GI:31682513  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.  
TITLE Biallelic markers for use in constructing a high density  
JOURNAL disequilibrium map of the human genome  
FEATURES Patent: US 6537751-A 6964 25-MAR-2003;  
source location/Qualifiers  
1..21  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.6; DB 1; Length 21;  
Best Local Similarity 80.0%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5063 CCTTTCTCTCTCTCTGT 5082  
Db 1 CCTTTCTCTCTCTCTCT 20

RESULT 2325  
LOCUS AX418459 21 bp DNA linear PAT 18-JUN-2002  
DEFINITION Sequence 54 from Patent WO0206329.  
ACCESSION AX418459  
VERSION AX418459.1 GI:21523351  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Rascelli, L., Shimkets, R.A., Zehrhusen, B., Maljankar, U.M. and  
JOURNAL Padigaru, M.  
TITLE Human polynucleotides and polypeptides encoded thereby  
JOURNAL Patent: WO 0206329-A 54 24-JAN-2002;  
Curagen Corporation (US)  
FEATURES  
source location/Qualifiers  
1..21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.3%; Score 13.6; DB 1; Length 21;  
Best Local Similarity 80.0%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2014 TCAGCCACATCTGTACTGAC 2033

Db 20 TCAGCCCATGTGTACTTAC 1

## RESULT 2326

AX781616/c  
LOCUS AX781616 21 bp DNA linear PAT 17-JUL-2003  
DEFINITION Sequence 3 from Patent BP1321531.  
ACCESSION AX781616  
VERSION AX781616.1 GI:32949452  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Lee, Y.S., Kim, M.K. and Lee, J.N.  
TITLE Multiplex PCR primer set for human hnf-1alpha gene amplification  
JOURNAL Patent: EP 1321531-A 3 25-JUN-2003;  
SAMSUNG ELECTRONICS Co. Ltd. (KR)  
FEATURES  
source 1. .21  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="forward primer for amplifying promoter of MODY3 gene"

Query Match 0.3%; Score 13.6; DB 1; Length 21;  
Best Local Similarity 80.0%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 491 GCCGAGAGGCCCGCCGCA 510  
Db 20 GCAGAGATGCTCACGCCCA 1

RESULT 2327  
AX019989  
LOCUS AX019989 25 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 3 from Patent WO9937764.  
ACCESSION AX019989  
VERSION AX019989.1 GI:10043818  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Veugeler, M.P. and David, G.J.  
TITLE New members of the glypican gene family  
JOURNAL Patent: WO 9937764-A 3 29-JUL-1999;  
VEUGELERS MARK PAUL DITTMAR (BE); VLAAMS INTERUNIV INST BIOTECH (BE); DAVID GUIDO JOSEPH FRANS (BE)  
FEATURES  
source 1. .25  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.6; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 1.7e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 154 GCCACTGACATTCATTG 173  
Db 6 GCCACTGATTCATCACTTG 25

RESULT 2328  
BD002935/c  
LOCUS BD002935 31 bp DNA linear PAT 31-JAN-2002  
DEFINITION Gene composition and method.  
ACCESSION BD002935

VERSION BD002935.1 GI:18630896  
KEYWORDS JP 2000245487-A/601.  
SOURCE unidentified  
ORGANISM unidentified

REFERENCE 1 (bases 1 to 31)  
AUTHORS Sha, N., Walinton, J. and Patel, N.  
TITLE Gene composition and method  
JOURNAL Patent: JP 2000245487-A 601 12-SEP-2000;  
AFIMETRICS INC

COMMENT OS Unknown  
PN JP 2000245487-A/601  
PD 12-SEP-2000  
PF 27-JAN-2000 JP 2000019392  
PR 27-JAN-1999 US 09/238,402  
PI NIRA SHA, JANET WALINTON, NIRA PATEL  
PC C12N15/09, C12Q1/68, C12N15/00  
CC  
FH Key  
FT source 1. .31  
FT Location/Qualifiers  
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source 1. .31  
/organism="Unknown"  
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Query Match 0.3%; Score 13.6; DB 1; Length 31;  
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Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1323 TTGTATCCATTGAAGACA 1342  
Db 30 TTGTCTTCAATGAYGACAA 11

RESULT 2329  
AX431424  
LOCUS AX431424 21 bp DNA linear PAT 28-JUN-2002  
DEFINITION Sequence 57 from Patent WO0240666.  
ACCESSION AX431424  
VERSION AX431424.1 GI:21656270  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Enkling, D.K., Winther, M.D., Haardt, M., Goldberg, Y.P., Nwaka, S.O.,  
TITLE Ponton, A., Allen, S.J., de Antueno, R.O. and Krickle, L.C.  
JOURNAL Fat regulated genes, uses thereof, and compounds for modulating  
same  
Patent: WO 0240666-A 57 23-MAY-2002;  
XENON GENETICS INC (CA)  
FEATURES  
source 1. .21  
/organism="synthetic construct"  
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/note="Primer"

Query Match 0.3%; Score 13.4; DB 1; Length 21;  
Best Local Similarity 93.3%; Pred. No. 1.6e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1668 CTCCTGCGGAGATG 1682  
Db 7 CTCCTGCGGAGATG 21

RESULT 2330  
AX038312/c  
LOCUS AX038312 23 bp DNA linear PAT 16-NOV-2000  
DEFINITION Sequence 69 from Patent WO0061795.

ACCESSION AX038312  
VERSION AX038312.1 GI:11227660  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS De Canck, I.D., Roseau, R. and Rombout, A.  
TITLE Method for the amplification of hla class I alleles  
JOURNAL Patent: WO 0061795-A 69 19-OCT-2000;  
CANCK ILBE DE (BE) ; ROSSAU RUDI (BE) ; INNOGENETICS NV (BE) ;  
ROMBOUT ANNEELIES (BE)  
FEATURES  
source location/Qualifiers  
1..23  
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/mol\_type="unassigned DNA"  
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Query Match 0.3%; Score 13.4; DB 1; Length 23;  
Best Local Similarity 82.4%; Pred. No. 1.7e+03;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 4733 AGTCCCGCGGCTTCGG 4749  
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Db 21 RGTCCCGCGGCTTCGG 5

RESULT 2331  
AX042486/c  
LOCUS AX042486 25 bp DNA linear PAT 23-NOV-2000  
DEFINITION Sequence 52 from Patent WO065088.  
ACCESSION AX042486  
VERSION AX042486.1 GI:11341094  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Ulfendahl, P.J. and Wong, K.C.  
TITLE Primers for identifying typing or classifying nucleic acids  
JOURNAL Patent: WO 0065088-A 52 02-NOV-2000;  
Amer sham Pharmacia Biotech AB (SE)  
FEATURES  
source location/Qualifiers  
1..25  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="DBQ heterozygote typing primer sequence"

Query Match 0.3%; Score 13.4; DB 1; Length 25;  
Best Local Similarity 73.9%; Pred. No. 1.8e+03;  
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 4146 CCGGACCTCTGCTGCTCTC 4168  
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Db 23 CCGAGATGCTCTGCTGCTCTC 1

RESULT 2332  
AX500917  
LOCUS AX500917 25 bp DNA linear PAT 27-SEP-2002  
DEFINITION Sequence 2224 from Patent EP1229046.  
ACCESSION AX500917  
VERSION AX500917.1 GI:23383210  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
TITLE Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
Zhan, J.  
Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 2224 07-AUG-2002;  
Aeomica, Inc. (US)  
FEATURES  
source location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 13.4; DB 1; Length 25;  
Best Local Similarity 73.9%; Pred. No. 1.8e+03;  
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1226 CCAGACTCTCCCGGCTTC 1248  
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Db 2 CAGCAGCCACCCCGGACCC 24

RESULT 2333  
A99242  
LOCUS A99242 26 bp DNA linear PAT 26-JAN-2000  
DEFINITION Sequence 18 from Patent WO9907839.  
ACCESSION A99242  
VERSION A99242.1 GI:6782175  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 26)  
AUTHORS Min, J.W. and Fiers, W.  
TITLE NEW IMMUNOPROTECTIVE INFLUENZA ANTIGEN AND ITS USE IN VACCINATION  
JOURNAL Patent: WO 9907839-A 18 18-FEB-1999;  
VILAMS INTERUNIV INST BIOTECH (BE); MIN JOU WILLY (BE)  
FEATURES  
source location/Qualifiers  
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Query Match 0.3%; Score 13.4; DB 1; Length 26;  
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Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 4835 GAGAGCTGGCTGCTGCTGG 4857  
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Db 4 GAGAGCACTGGCTTCACTTGG 26

RESULT 2334  
AX207477/c  
LOCUS AX207477 38 bp DNA linear PAT 30-AUG-2001  
DEFINITION Sequence 6 from Patent WO0155453.  
ACCESSION AX207477  
VERSION AX207477.1 GI:15395272  
KEYWORDS  
SOURCE Brassica napus (rape)  
ORGANISM Brassica napus  
REFERENCE 1  
AUTHORS Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
TITLE Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;  
JOURNAL rosids; eurosids II; Brassicales; Brassicaceae; Brassica.  
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA (CA)  
FEATURES  
source location/Qualifiers  
1..38  
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/mol\_type="unassigned DNA"  
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/note="fragment of b1g-26 promoter"

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Db	38	AAGAGGAAGTGAAGAGAG	16						

RESULT	2335		
LOCUS	AR029137/c		
DEFINITION	AR029137	20 bp	DNA
ACCESSION	AR029137		linear
VERSION	AR029137.1	GI:5941110	
KEYWORDS			
SOURCE	Unknown.		
ORGANISM	Unknown.		
REFERENCE	Unclassified.		
AUTHORS	1 (bases 1 to 20)		
TITLE	Cook, P. Dan. and Kawasaki, A. Mamoru.		
JOURNAL	2'-modified oligonucleotides		
FEATURES	Parent: US 5859221-A 13 12-JAN-1999;		
	location/Qualifiers		
	1..20		
source	/organism="unknown" /mol_type="unassigned DNA"		
			PAT 29-SEP-1999

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Matches 15; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;
QY	4034	GGAGGAGGGGCACCAAGG	4051	
Db	18	GGAGGAGGAGCCAGCAGG	1	

RESULT 2336	AR036521/c	AR036521	20 bp	DNA	linear	PAT 29-SEP-1999
LOCUS	AR036521					
DEFINITION	Sequence 13 from patent US 5872232.					
ACCESSION	AR036521					
VERSION	AR036521.1	GI:5953189				
KEYWORDS						
SOURCE	Unknown.					
ORGANISM	Unknown.					
REFERENCE	Unclassified.					
AUTHORS	1 (bases 1 to 20)					
TITLE	Cook, P. Dan. and Kawasaki, A. Mamoru.					
JOURNAL	2'-O-modified oligonucleotides					
FEATURES	Parent: US 5872232-A 13 16-FEB-1999;					
SOURCE	Location/Qualifiers					
	1..20					

Query Match	0.3%	Score 13.2	DB 1	Length 20
Best Local Similarity	83.3%	Pred. No. 1.6e+03		
Matches	15	Conservative	0	Mismatches 3
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				Gaps 0
4034	GGAGGAGGGGCCACGAG	4051		
db	18 GGAGGAGGAGGCCACGAG	1		

RESULT	2337		
AR073958/c			
LOCUS	AR073958	20 bp	DNA
DEFINITION	Sequence	27	from patent US 5952229.
ACCESSION	AR073958		
VERSION	AR073958.1	GI:10000718	
KEYWORDS			
SOURCE	Unknown.		
ORGANISM	Unknown.		
	Unclassified.		
			linear PAT 28-AUG-2000

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REFERENCE      (bases 1 to 20)
AUTHORS       Mont,A.P. and Boggs,R.T.
TITLE         Antisense oligonucleotide modulation of raf gene expression
JOURNAL       Patent: US 5952229-A 27 14-SEP-1999;
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source        1..20
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Matches 15;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

Oy 4034 GGAGAGGGGCCACACAG 4051  
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 Db 18 GGAGGAGAACCCACACAG 1  
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RESULT	2338				
LOCUS	AR096054	20 bp	DNA	linear	PAT 08-SEP-2000
DEFINITION	Sequence 13 from patent US 6005087.				
ACCESSION	AR096054				
VERSION	AR096054.1	GI:10024506			
KEYWORDS					
SOURCE	Unknown.				
ORGANISM	Unknown.				
REFERENCE	1 (bases 1 to 20)				
AUTHORS	Cook, P. Dan. and Kawasaki, A. Mamoru.				
TITLE	2'-modified oligonucleotides				
JOURNAL	Patent: US 6005087-A 13 21-DEC-1999;				
FEATURES	location/Qualifiers				
source	1..20				

Query Match	0.3%	Score 13.2	DB 1	Length 20
Best Local Similarity	83.3%	Pred. 1.6e+03		
Matches 15; Conservative	0	Mismatches 3	Indels 0	Gaps 0

QY	4034	GGAGGAGGGCCACACAG	4051
Db	18	GGAGGAGAGCCACACAG	1

RESULT	2339				
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LOCUS	AR105513	20 bp	DNA	linear	PAT 14-FEB-2001
DEFINITION	Sequence 13 from patent US 6096720.				
ACCESSION	AR105513				
VERSION	AR105513.1	GI:12819110			
KEYWORDS	.				
SOURCE	Unknown.				
ORGANISM	Unknown.				
REFERENCE	Unclassified.				
AUTHORS	1 (bases 1 to 20)				
	Love, W.Guy., Nicklin, P., Leslie., Hamilton, K., Ophelia. and				
	Phillips, J. Ann.				
TITLE	liposomal oligonucleotide compositions				
JOURNAL	Patent: US 6096720-A 13 01-AUG-2000;				
FEATURES	Location/Qualifiers				
source	1..20				

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Best Local	15	Conservative	0.34	83.34	13.2
Matches	15	Mismatches	0	Pred. No. 1.6e+03	20
		Indels	3	Gaps	0
QY	4034	GGAGGAGGGGCGCACCAGG	4051		
db	18	GGAGGAGAGGCCAGCAGG	1		



RESULT 2340  
LOCUS AR212287/c 20 bp DNA linear PAT 31-JUN-2002  
DEFINITION Antisense oligonucleotide regulation of raf gene expression.  
ACCESSION E49537  
VERSION E49537.1 GI:18628118  
KEYWORDS JP 2000152797-A/27.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS P. M. B. and T. B. R.  
TITLE Antisense oligonucleotide regulation of raf gene expression  
JOURNAL Patent: JP 2000152797-A 27 06-JUN-2000;  
ISIS PHARMACEUTICALS INC  
OS Homo sapiens (human)  
PN JP 2000152797-A/27  
PD 06-JUN-2000  
PR 18-JAN-2000 JP 2000008654  
PI MONIA BURETTO P, BOGGUZZU RUSSELL T  
PC C12N15/09, A61K31/7088, A61K48/00, A61P17/06, A61P35/00, A61P43/00,  
CC C12N15/00, A  
CC FH  
FH Key Location/Qualifiers  
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Location/Qualifiers  
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Query Match 0.3%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 4034 GGAGGAGGGGCCACGAG 4051  
Db 18 GGAGGAGAGCCACGAG 1  
RESULT 2341  
LOCUS I27257 20 bp DNA linear PAT 06-FEB-1997  
DEFINITION Sequence 27 from patent US 5563255.  
ACCESSION I27257  
VERSION I27257.1 GI:1818033  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Monia, B. P. and Bogg, R. T.  
TITLE Antisense oligonucleotide modulation of raf gene expression  
JOURNAL Patent: US 5563255-A 27 08-OCT-1996;  
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source 1. .20  
Location/Qualifiers  
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Best Local Similarity 83.3%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 4034 GGAGGAGGGGCCACGAG 4051  
Db 18 GGAGGAGAGCCACGAG 1

RESULT 2342  
LOCUS AR212287/c 20 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 13 from patent US 6399754.  
ACCESSION AR212287  
VERSION AR212287.1 GI:21515821  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Cook, P. Dan.  
TITLE Sugar modified oligonucleotides  
JOURNAL Patent: US 6399754-A 13 04-JUN-2002;  
FEATURES  
source 1. .20  
Location/Qualifiers  
1. .20  
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/mol\_type="unassigned DNA"  
Query Match 0.3%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 4034 GGAGGAGGGGCCACGAG 4051  
Db 18 GGAGGAGAGCCACGAG 1  
RESULT 2343  
LOCUS AR215981 20 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 28 from patent US 6410518.  
ACCESSION AR215981  
VERSION AR215981.1 GI:23314269  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Monia, B. P.  
TITLE Antisense oligonucleotide inhibition of raf gene expression  
JOURNAL Patent: US 6410518-A 28 25-JUN-2002;  
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source 1. .20  
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Query Match 0.3%; Score 13.2; DB 1; Length 20;  
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Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 4034 GGAGGAGGGGCCACGAG 4051  
Db 18 GGAGGAGAGCCACGAG 1  
RESULT 2344  
LOCUS AR231421 20 bp DNA linear PAT 20-DEC-2002  
DEFINITION Sequence 13 from patent US 6451991.  
ACCESSION AR231421  
VERSION AR231421.1 GI:27272504  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Martin, P., Altman, K.-H., Cook, P. D. and Monia, B. P.  
TITLE Sugar-modified gapped oligonucleotides  
JOURNAL Patent: US 6451991-A 13 17-SEP-2002;  
FEATURES  
source 1. .20  
Location/Qualifiers  
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/organism="unknown"

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Best Local Similarity 83.3%; DB 1; Length 20;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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18 GGAGAGAGAGCCAGCAGG 1

Db

RESULT 2345

LOCUS AR036620 20 bp DNA linear PAT 29-SEP-1999

DEFINITION Sequence 20 from patent US 5872242.

ACCESSION AR036620

VERSION AR036620.1 GI:5953288

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Montz,B.P., Cowsett,L.M. and Manoharan,M.

TITLE Antisense oligonucleotide inhibition of ras

JOURNAL Patent: US 5872242-A 20 16-FEB-1999;

FEATURES  
Location/Qualifiers  
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/mol\_type="unasigned DNA"

Query Match  
Best Local Similarity 83.3%; DB 1; Length 20;  
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QY 3923 GCCGCGCGCGCGCTGCC 3940  
3 GCCTCCGCGCGCGCGCC 20

Db

RESULT 2346

LOCUS AR079640 20 bp DNA linear PAT 31-AUG-2000

DEFINITION Sequence 20 from patent US 5965722.

ACCESSION AR079640

VERSION AR079640.1 GI:10006381

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Becker,D.J., Cook,P.Dan., Montz,B.P., Freier,S.M. and Sanghvi,Y.S.

TITLE Antisense inhibition of ras gene with chimeric and alternating oligonucleotides

JOURNAL Patent: US 5965722-A 20 12-OCT-1999;

FEATURES  
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/organism="unknown"  
/mol\_type="unasigned DNA"

Query Match  
Best Local Similarity 83.3%; DB 1; Length 20;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3923 GCCGCGCGCGCGCTGCC 3940  
3 GCCTCCGCGCGCGCGCC 20

Db

RESULT 2347

LOCUS AR102403 20 bp DNA linear PAT 14-FEB-2001

DEFINITION Sequence 28 from patent US 6083923.

ACCESSION AR102403

VERSION AR102403.1 GI:12813201

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Hardee,G.B., Geary,R.S., Levin,A., Templin,M.V., Howard,R. and Mehra,R.C.

TITLE Liposomal oligonucleotide compositions for modulating RAS gene expression

JOURNAL Patent: US 6083923-A 28 04-JUL-2000;

FEATURES  
Location/Qualifiers  
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/mol\_type="unasigned DNA"

Query Match  
Best Local Similarity 83.3%; DB 1; Length 20;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3923 GCCGCGCGCGCGCTGCC 3940  
3 GCCTCCGCGCGCGCGCC 20

Db

RESULT 2348

LOCUS AR201438 20 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 20 from patent US 6359124.

ACCESSION AR201438

VERSION AR201438.1 GI:20252326

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Becker,D.J., Cook,P.Dan., Montz,B.P., Freier,S.M. and Sanghvi,Y.S.

TITLE Antisense inhibition of ras gene with chimeric and alternating oligonucleotides

JOURNAL Patent: US 6359124-A 20 19-MAR-2002;

FEATURES  
Location/Qualifiers  
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/mol\_type="unasigned DNA"

Query Match  
Best Local Similarity 83.3%; DB 1; Length 20;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3923 GCCGCGCGCGCGCTGCC 3940  
3 GCCTCCGCGCGCGCGCC 20

Db

RESULT 2349

LOCUS BD006253 20 bp DNA linear PAT 31-JAN-2002

DEFINITION Antisense inhibition of ras gene with chimeric and alternating oligonucleotides.

ACCESSION BD006253 GI:18634624

VERSION BD006253.1 GI:18634624

KEYWORDS JP 2001500530-A/20.

SOURCE synthetic construct

ORGANISM artificial construct

REFERENCE 1 (bases 1 to 20)

AUTHORS Becker,D.J., Cook,P.D., Montz,B.P., Freier,S.M. and Sanghvi,Y.S.

TITLE Antisense inhibition of ras gene with chimeric and alternating oligonucleotides

JOURNAL Patent: JP 2001500530-A 20 16-JAN-2001;

COMMENT ISIS PHARMACEUTICALS INC

OS Artificial Sequence

PN JP 2001500530-A/20

PD 16-JAN-2001  
 PR 30-APR-1998 JP 1998547418  
 PR 30-APR-1997 US 08/848840  
 PI DAVID J ECKER, PHILIP DAN COOK, BRETT P MONIA, SUSAN M FRIER, PI  
 YOGESH S SANGHAVI  
 PC C12Q1/58, C12P19/34, C07H19/16, C07H19/167, C07H19/173, C07H19/067,  
 PC C07H19/06,  
 CC C07H19/09, C07H21/04, A61K48/00  
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 /mol\_type='genomic DNA'  
 /db\_xref='taxon:32630'

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Query Match 0.3%; Score 13.2; DB 1; Length 20;  
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Db 3 GCCTCCGCGCGCGCGGCC 20

## RESULT 2350

BD073147 20 bp DNA linear PAT 27-AUG-2002  
 LOCUS  
 DEFINITION Antisense oligonucleotide inhibition of RAS.  
 ACCESSION BD073147  
 VERSION BD073147.1 GI:22618750  
 KEYWORDS JP 2001509394-A/20.  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.

REFERENCE 1 (bases 1 to 20)  
 AUTHORS Monia, B.P., Cowcert, L.M. and Manoharan, M.  
 TITLE Antisense oligonucleotide inhibition of RAS  
 JOURNAL Patent: JP 2001509394-A 20 24-JUL-2001;  
 ISIS PHARMACEUTICALS INC  
 COMMENT OS Unidentified  
 OS Unidentified  
 PN JP 2001509394-A/20  
 PD 24-JUL-2001 JP 2000502223  
 PR 06-JUL-1998 JP 2000502223  
 PR 08-JUL-1997 US 08/889296  
 PI BRETT P MONIA, LEX M COWCERT, MUSIA MANOHARAN  
 PC C12N15/09, A61K31/7088, A61K48/00, A61P35/00, C12N15/00 CC  
 Strandedness: Single;  
 CC Topology: linear;  
 CC Antisense oligonucleotide inhibition of RAS  
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 /mol\_type='genomic DNA'  
 /db\_xref='taxon:32644'

## FEATURES

source

Query Match 0.3%; Score 13.2; DB 1; Length 20;  
 Best Local Similarity 83.3%; Pred. No. 1.6e+03;  
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QY 3923 GCCGCGCGCGCGCTGCC 3940

Db 3 GCCTCCGCGCGCGCGGCC 20

Search completed: October 28, 2004, 10:16:12  
 Job time : 155 secs

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